Full Power Mode

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.07	32.16	32.14	**33.50**	23.07	23.16	23.14	24.50
GPRS 1 Tx slot	32.05	32.14	32.12	**33.50**	23.05	23.14	23.12	24.50
GPRS 2 Tx slots	29.98	30.14	30.03	**31.50**	23.98	24.14	24.03	25.50
GPRS 3 Tx slots	28.00	28.08	28.02	**29.50**	23.74	23.82	23.76	25.24
GPRS 4 Tx slots	26.03	26.16	26.05	**27.50**	23.03	23.16	23.05	24.50
EDGE 1 Tx slot	26.36	26.33	26.26	**27.50**	17.36	17.33	17.26	18.50
EDGE 2 Tx slots	24.21	24.33	24.09	**25.50**	18.21	18.33	18.09	19.50
EDGE 3 Tx slots	22.25	22.31	22.18	**23.50**	17.99	18.05	17.92	19.24
EDGE 4 Tx slots	20.09	20.01	19.97	**21.00**	17.09	17.01	16.97	18.00

GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.22	29.50	29.34	**30.50**	20.22	20.50	20.34	21.50
GPRS 1 Tx slot	29.06	29.35	29.23	**30.50**	20.06	20.35	20.23	21.50
GPRS 2 Tx slots	26.92	27.25	27.10	**28.50**	20.92	21.25	21.10	22.50
GPRS 3 Tx slots	24.78	25.22	24.98	**26.50**	20.52	20.96	20.72	22.24
GPRS 4 Tx slots	22.70	23.28	22.96	**24.50**	19.70	20.28	19.96	21.50
EDGE 1 Tx slot	25.60	25.67	25.65	**26.50**	16.60	16.67	16.65	17.50
EDGE 2 Tx slots	23.65	23.78	23.50	**24.50**	17.65	17.78	17.50	18.50
EDGE 3 Tx slots	21.53	21.58	21.75	**22.50**	17.27	17.32	17.49	18.24
EDGE 4 Tx slots	18.97	19.21	19.16	**20.50**	15.97	16.21	16.16	17.50

Band		WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA IV_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.24	23.27	23.20	**24.00**	23.01	23.12	23.11	**24.00**	23.09	23.12	23.01	**24.00**
3GPP Rel 99	RMC 12.2Kbps	23.18	23.33	23.21	**24.00**	23.02	23.16	23.13	**24.00**	23.10	23.13	23.07	**24.00**
3GPP Rel 6	HSDPA Subtest-1	22.22	22.17	22.24	**23.00**	22.11	22.18	22.07	**23.00**	22.17	22.12	22.14	**23.00**
3GPP Rel 6	HSDPA Subtest-2	22.13	22.16	22.18	**23.00**	22.05	22.11	22.02	**23.00**	22.18	22.06	22.01	**23.00**
3GPP Rel 6	HSDPA Subtest-3	21.60	21.63	21.68	**22.50**	21.57	21.60	21.54	**22.50**	21.68	21.53	21.54	**22.50**
3GPP Rel 6	HSDPA Subtest-4	21.56	21.60	21.64	**22.50**	21.52	21.58	21.55	**22.50**	21.70	21.50	21.46	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-1	22.06	22.07	22.16	**23.00**	22.11	22.06	22.02	**23.00**	21.68	21.72	21.76	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-2	22.25	22.12	22.18	**23.00**	22.15	22.15	22.07	**23.00**	21.74	21.86	21.84	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-3	21.73	21.82	21.72	**22.50**	21.70	21.58	21.64	**22.50**	21.22	21.34	21.25	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-4	21.63	21.73	21.72	**22.50**	21.56	21.42	21.52	**22.50**	21.22	21.06	21.13	**22.50**
3GPP Rel 6	HSUPA Subtest-1	20.17	20.21	20.21	**21.50**	20.03	20.16	20.04	**21.50**	20.24	20.27	20.20	**21.50**
3GPP Rel 6	HSUPA Subtest-2	20.23	20.23	20.22	**21.50**	20.07	20.07	20.06	**21.50**	20.03	20.04	20.02	**21.50**
3GPP Rel 6	HSUPA Subtest-3	21.16	21.22	21.21	**22.50**	21.02	21.19	21.01	**22.50**	21.13	21.16	21.10	**22.50**
3GPP Rel 6	HSUPA Subtest-4	19.69	19.66	19.71	**21.00**	19.57	19.60	19.52	**21.00**	19.61	19.60	19.61	**21.00**
3GPP Rel 6	HSUPA Subtest-5	21.10	21.20	21.20	**22.50**	21.00	21.10	21.00	**22.50**	21.00	21.00	21.00	**22.50**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.93	19.81	19.83	**21.00**	19.71	19.59	19.53	**21.00**	19.94	20.05	19.71	**21.00**

Band 2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.74	22.74	22.74	24	0
20	QPSK	1	49	23.04	23.10	23.06		
20	QPSK	1	99	22.61	22.66	22.62		
20	QPSK	50	0	21.97	22.09	22.05	23	1
20	QPSK	50	24	21.95	22.06	22.02		
20	QPSK	50	50	21.85	22.01	22.00		
20	QPSK	100	0	21.86	22.06	21.97		
20	16QAM	1	0	22.02	22.06	22.01	23	1
20	16QAM	1	49	22.32	22.38	22.31		
20	16QAM	1	99	21.89	21.92	21.90		
20	16QAM	50	0	20.93	21.06	21.08	22	2
20	16QAM	50	24	20.96	20.99	21.04		
20	16QAM	50	50	20.83	21.00	20.98		
20	16QAM	100	0	20.86	20.99	21.02		
20	64QAM	1	0	20.96	20.88	20.88	22	2
20	64QAM	1	49	21.20	21.20	21.21		
20	64QAM	1	99	20.70	20.69	20.77		
20	64QAM	50	0	20.00	20.09	20.10	21	3
20	64QAM	50	24	20.00	20.02	20.04		
20	64QAM	50	50	19.90	19.97	19.91		
20	64QAM	100	0	19.91	20.01	20.05		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.63	22.71	22.74	24	0
15	QPSK	1	37	22.96	22.95	22.95		
15	QPSK	1	74	22.50	22.59	22.58		
15	QPSK	36	0	21.82	22.04	21.88	23	1
15	QPSK	36	20	21.91	22.01	21.91		
15	QPSK	36	39	21.81	21.89	21.96		
15	QPSK	75	0	21.70	21.98	21.93		
15	16QAM	1	0	21.94	21.90	22.02	23	1
15	16QAM	1	37	22.25	22.24	22.20		
15	16QAM	1	74	21.86	21.88	21.82		
15	16QAM	36	0	20.80	20.98	20.89	22	2
15	16QAM	36	20	20.81	20.85	21.03		
15	16QAM	36	39	20.65	20.85	20.84		
15	16QAM	75	0	20.71	20.97	20.93		
15	64QAM	1	0	20.91	20.72	20.80	22	2
15	64QAM	1	37	21.07	21.15	21.10		
15	64QAM	1	74	20.53	20.55	20.67		
15	64QAM	36	0	19.90	20.09	20.05	21	3
15	64QAM	36	20	19.82	19.83	19.91		
15	64QAM	36	39	19.91	19.94	19.80		
15	64QAM	75	0	19.82	20.02	20.05		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.71	22.65	22.63	24	0
10	QPSK	1	25	22.93	23.08	22.90		
10	QPSK	1	49	22.62	22.59	22.58		
10	QPSK	25	0	21.98	22.06	22.00	23	1
10	QPSK	25	12	21.90	21.92	22.03		
10	QPSK	25	25	21.67	21.98	21.96		
10	QPSK	50	0	21.77	22.04	21.97		
10	16QAM	1	0	21.95	21.88	21.88	23	1
10	16QAM	1	25	22.30	22.20	22.19		
10	16QAM	1	49	21.83	21.85	21.83		
10	16QAM	25	0	20.77	21.03	21.07	22	2
10	16QAM	25	12	20.93	20.90	21.02		
10	16QAM	25	25	20.66	20.92	20.82		
10	16QAM	50	0	20.85	20.83	20.86		
10	64QAM	1	0	20.94	20.83	20.86	22	2
10	64QAM	1	25	21.05	21.18	21.12		
10	64QAM	1	49	20.54	20.67	20.69		
10	64QAM	25	0	20.00	19.95	19.93	21	3
10	64QAM	25	12	19.86	19.99	19.88		
10	64QAM	25	25	19.91	19.94	19.74		
10	64QAM	50	0	19.91	19.93	19.88		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.73	22.67	22.69	24	0
5	QPSK	1	12	23.03	22.91	22.97		
5	QPSK	1	24	22.59	22.52	22.47		
5	QPSK	12	0	21.81	21.99	22.06	23	1
5	QPSK	12	7	21.76	22.00	21.90		
5	QPSK	12	13	21.72	21.93	22.00		
5	QPSK	25	0	21.69	22.03	21.82		
5	16QAM	1	0	21.98	21.90	21.95	23	1
5	16QAM	1	12	22.33	22.28	22.21		
5	16QAM	1	24	21.73	21.92	21.79		
5	16QAM	12	0	20.93	20.93	20.96	22	2
5	16QAM	12	7	20.78	20.90	20.92		
5	16QAM	12	13	20.67	20.94	20.88		
5	16QAM	25	0	20.72	20.87	21.01		
5	64QAM	1	0	20.86	20.78	20.88	22	2
5	64QAM	1	12	21.17	21.01	21.13		
5	64QAM	1	24	20.61	20.68	20.59		
5	64QAM	12	0	19.97	19.96	20.08	21	3
5	64QAM	12	7	19.85	19.93	20.01		
5	64QAM	12	13	19.87	19.89	19.90		
5	64QAM	25	0	19.75	19.91	20.03		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.75	22.56	22.75	24	0
3	QPSK	1	8	22.86	22.97	22.92		
3	QPSK	1	14	22.56	22.54	22.49		
3	QPSK	8	0	21.96	22.10	21.88	23	1
3	QPSK	8	4	21.84	21.98	21.83		
3	QPSK	8	7	21.79	21.97	21.91		
3	QPSK	15	0	21.70	21.89	21.83		
3	16QAM	1	0	21.94	22.04	21.87	23	1
3	16QAM	1	8	22.22	22.23	22.13		
3	16QAM	1	14	21.72	21.90	21.82		
3	16QAM	8	0	20.76	20.98	21.05	22	2
3	16QAM	8	4	20.94	20.82	20.94		
3	16QAM	8	7	20.70	21.01	20.85		
3	16QAM	15	0	20.72	21.00	20.92		
3	64QAM	1	0	20.91	20.73	20.74	22	2
3	64QAM	1	8	21.15	21.21	21.12		
3	64QAM	1	14	20.58	20.51	20.76		
3	64QAM	8	0	19.91	19.95	19.94	21	3
3	64QAM	8	4	19.84	20.02	20.03		
3	64QAM	8	7	19.74	19.78	19.81		
3	64QAM	15	0	19.75	19.82	19.98		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.88	22.86	22.91	24	0
1.4	QPSK	1	3	23.04	23.02	23.01		
1.4	QPSK	1	5	22.89	22.89	22.89		
1.4	QPSK	3	0	22.96	23.01	22.98		
1.4	QPSK	3	1	23.01	23.03	23.06		
1.4	QPSK	3	3	22.98	22.99	23.00		
1.4	QPSK	6	0	21.94	21.98	22.02	23	1
1.4	16QAM	1	0	22.13	22.13	22.09	23	1
1.4	16QAM	1	3	22.23	22.29	22.26		
1.4	16QAM	1	5	22.14	22.18	22.15		
1.4	16QAM	3	0	21.99	21.98	21.96		
1.4	16QAM	3	1	22.02	22.03	21.96		
1.4	16QAM	3	3	22.00	21.99	21.97		
1.4	16QAM	6	0	20.98	21.08	21.12	22	2
1.4	64QAM	1	0	21.04	21.11	21.06	22	2
1.4	64QAM	1	3	21.07	21.18	21.16		
1.4	64QAM	1	5	20.98	21.08	20.98		
1.4	64QAM	3	0	21.06	21.11	21.07		
1.4	64QAM	3	1	21.13	21.09	21.16		
1.4	64QAM	3	3	21.01	21.01	21.10		
1.4	64QAM	6	0	20.03	19.98	20.00	21	3

Band 2_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.27	22.28	22.15	24	0
20	QPSK	1	49	22.52	22.62	22.54		
20	QPSK	1	99	22.13	22.23	22.10		
20	QPSK	50	0	21.52	21.59	21.57	23	1
20	QPSK	50	24	21.48	21.53	21.49		
20	QPSK	50	50	21.39	21.51	21.46		
20	QPSK	100	0	21.42	21.52	21.50		
20	16QAM	1	0	21.52	21.53	21.44	23	1
20	16QAM	1	49	21.81	21.80	21.86		
20	16QAM	1	99	21.40	21.39	21.41		
20	16QAM	50	0	20.43	20.53	20.50	22	2
20	16QAM	50	24	20.47	20.47	20.54		
20	16QAM	50	50	20.39	20.45	20.50		
20	16QAM	100	0	20.42	20.48	20.49		
20	64QAM	1	0	20.42	20.40	20.29	22	2
20	64QAM	1	49	20.65	20.71	20.72		
20	64QAM	1	99	20.36	20.21	20.38		
20	64QAM	50	0	19.51	19.61	19.54	21	3
20	64QAM	50	24	19.50	19.51	19.61		
20	64QAM	50	50	19.45	19.42	19.49		
20	64QAM	100	0	19.43	19.49	19.53		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.16	22.10	22.28	24	0
15	QPSK	1	37	22.40	22.36	22.46		
15	QPSK	1	74	22.02	22.15	22.45		
15	QPSK	36	0	21.50	21.57	21.56	23	1
15	QPSK	36	20	21.48	21.54	21.35		
15	QPSK	36	39	21.21	21.50	21.35		
15	QPSK	75	0	21.42	21.53	21.40		
15	16QAM	1	0	21.45	21.54	21.28	23	1
15	16QAM	1	37	21.63	21.81	21.70		
15	16QAM	1	74	21.32	21.23	21.37		
15	16QAM	36	0	20.28	20.45	20.44	22	2
15	16QAM	36	20	20.33	20.46	20.42		
15	16QAM	36	39	20.24	20.40	20.40		
15	16QAM	75	0	20.35	20.32	20.33		
15	64QAM	1	0	20.43	20.34	20.25	22	2
15	64QAM	1	37	20.62	20.72	20.55		
15	64QAM	1	74	20.33	20.14	20.35		
15	64QAM	36	0	19.35	19.55	19.40	21	3
15	64QAM	36	20	19.46	19.33	19.46		
15	64QAM	36	39	19.40	19.27	19.38		
15	64QAM	75	0	19.33	19.49	19.41		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.18	22.18	22.10	24	0
10	QPSK	1	25	22.43	22.55	22.60		
10	QPSK	1	49	22.01	22.13	22.07		
10	QPSK	25	0	21.49	21.51	21.58	23	1
10	QPSK	25	12	21.36	21.38	21.33		
10	QPSK	25	25	21.33	21.45	21.31		
10	QPSK	50	0	21.27	21.40	21.41		
10	16QAM	1	0	21.44	21.46	21.30	23	1
10	16QAM	1	25	21.73	21.79	21.84		
10	16QAM	1	49	21.24	21.28	21.36		
10	16QAM	25	0	20.25	20.40	20.31	22	2
10	16QAM	25	12	20.47	20.35	20.47		
10	16QAM	25	25	20.26	20.44	20.46		
10	16QAM	50	0	20.24	20.36	20.31		
10	64QAM	1	0	20.39	20.40	20.19	22	2
10	64QAM	1	25	20.52	20.53	20.55		
10	64QAM	1	49	20.23	20.03	20.28		
10	64QAM	25	0	19.38	19.59	19.40	21	3
10	64QAM	25	12	19.31	19.51	19.50		
10	64QAM	25	25	19.33	19.24	19.36		
10	64QAM	50	0	19.42	19.34	19.42		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.08	22.18	22.26	24	0
5	QPSK	1	12	22.37	22.45	22.58		
5	QPSK	1	24	22.12	22.23	22.24		
5	QPSK	12	0	21.45	21.50	21.57	23	1
5	QPSK	12	7	21.40	21.40	21.46		
5	QPSK	12	13	21.28	21.32	21.35		
5	QPSK	25	0	21.36	21.49	21.45		
5	16QAM	1	0	21.35	21.45	21.42	23	1
5	16QAM	1	12	21.70	21.68	21.77		
5	16QAM	1	24	21.31	21.28	21.37		
5	16QAM	12	0	20.35	20.52	20.47	22	2
5	16QAM	12	7	20.40	20.43	20.38		
5	16QAM	12	13	20.34	20.41	20.46		
5	16QAM	25	0	20.24	20.29	20.43		
5	64QAM	1	0	20.38	20.25	20.27	22	2
5	64QAM	1	12	20.58	20.58	20.68		
5	64QAM	1	24	20.37	20.06	20.29		
5	64QAM	12	0	19.42	19.53	19.55	21	3
5	64QAM	12	7	19.45	19.34	19.56		
5	64QAM	12	13	19.29	19.43	19.47		
5	64QAM	25	0	19.25	19.34	19.43		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.16	22.22	22.13	24	0
3	QPSK	1	8	22.53	22.47	22.53		
3	QPSK	1	14	22.11	22.24	22.25		
3	QPSK	8	0	21.50	21.51	21.54	23	1
3	QPSK	8	4	21.47	21.54	21.34		
3	QPSK	8	7	21.40	21.35	21.34		
3	QPSK	15	0	21.31	21.48	21.35		
3	16QAM	1	0	21.45	21.42	21.33	23	1
3	16QAM	1	8	21.72	21.69	21.71		
3	16QAM	1	14	21.30	21.39	21.36		
3	16QAM	8	0	20.36	20.40	20.42	22	2
3	16QAM	8	4	20.33	20.31	20.54		
3	16QAM	8	7	20.29	20.26	20.34		
3	16QAM	15	0	20.26	20.30	20.40		
3	64QAM	1	0	20.27	20.30	20.23	22	2
3	64QAM	1	8	20.55	20.62	20.54		
3	64QAM	1	14	20.22	20.17	20.24		
3	64QAM	8	0	19.36	19.53	19.49	21	3
3	64QAM	8	4	19.45	19.41	19.44		
3	64QAM	8	7	19.34	19.39	19.45		
3	64QAM	15	0	19.29	19.43	19.37		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.41	22.37	22.45	24	0
1.4	QPSK	1	3	22.54	22.50	22.58		
1.4	QPSK	1	5	22.36	22.39	22.44		
1.4	QPSK	3	0	22.49	22.48	22.55		
1.4	QPSK	3	1	22.53	22.54	22.57		
1.4	QPSK	3	3	22.47	22.49	22.54		
1.4	QPSK	6	0	21.45	21.46	21.56	23	1
1.4	16QAM	1	0	21.65	21.61	21.71	23	1
1.4	16QAM	1	3	21.77	21.80	21.84		
1.4	16QAM	1	5	21.64	21.62	21.66		
1.4	16QAM	3	0	21.42	21.46	21.49		
1.4	16QAM	3	1	21.46	21.52	21.54		
1.4	16QAM	3	3	21.50	21.42	21.51		
1.4	16QAM	6	0	20.55	20.54	20.63	22	2
1.4	64QAM	1	0	20.52	20.51	20.55	22	2
1.4	64QAM	1	3	20.55	20.60	20.71		
1.4	64QAM	1	5	20.49	20.56	20.61		
1.4	64QAM	3	0	20.57	20.54	20.68		
1.4	64QAM	3	1	20.60	20.58	20.65		
1.4	64QAM	3	3	20.56	20.53	20.65		
1.4	64QAM	6	0	19.47	19.49	19.53	21	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.79	22.78	22.78	24	0
20	QPSK	1	49	23.10	23.12	23.07		
20	QPSK	1	99	22.63	22.66	22.61		
20	QPSK	50	0	22.09	22.10	22.06	23	1
20	QPSK	50	24	22.05	22.09	22.04		
20	QPSK	50	50	22.04	22.05	21.97		
20	QPSK	100	0	22.03	22.08	22.03		
20	16QAM	1	0	22.03	22.07	22.03	23	1
20	16QAM	1	49	22.40	22.34	22.26		
20	16QAM	1	99	21.96	21.89	21.89		
20	16QAM	50	0	21.03	21.06	21.09	22	2
20	16QAM	50	24	21.03	21.04	21.04		
20	16QAM	50	50	21.05	20.99	20.95		
20	16QAM	100	0	21.05	20.99	21.01		
20	64QAM	1	0	21.02	20.95	20.93	22	2
20	64QAM	1	49	21.29	21.25	21.17		
20	64QAM	1	99	20.85	20.70	20.80		
20	64QAM	50	0	20.06	20.08	20.09	21	3
20	64QAM	50	24	20.06	20.09	20.05		
20	64QAM	50	50	20.02	20.00	19.99		
20	64QAM	100	0	20.08	20.02	20.05		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.77	22.63	22.71	24	0
15	QPSK	1	37	22.96	23.10	22.99		
15	QPSK	1	74	22.48	22.52	22.61		
15	QPSK	36	0	21.95	21.97	22.05	23	1
15	QPSK	36	20	22.04	22.03	22.01		
15	QPSK	36	39	22.02	21.96	21.95		
15	QPSK	75	0	21.91	21.94	21.98		
15	16QAM	1	0	21.87	22.07	21.95	23	1
15	16QAM	1	37	22.22	22.25	22.23		
15	16QAM	1	74	21.96	21.87	21.70		
15	16QAM	36	0	20.88	20.93	20.96	22	2
15	16QAM	36	20	20.93	21.00	20.99		
15	16QAM	36	39	21.04	20.88	20.81		
15	16QAM	75	0	20.98	20.91	20.98		
15	64QAM	1	0	20.90	20.92	20.78	22	2
15	64QAM	1	37	21.13	21.24	21.15		
15	64QAM	1	74	20.84	20.66	20.66		
15	64QAM	36	0	19.94	20.07	20.09	21	3
15	64QAM	36	20	20.04	19.91	20.03		
15	64QAM	36	39	19.87	19.98	19.95		
15	64QAM	75	0	20.00	19.87	19.95		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.70	22.74	22.77	24	0
10	QPSK	1	25	23.04	23.00	22.89		
10	QPSK	1	49	22.58	22.60	22.55		
10	QPSK	25	0	22.07	21.96	22.02	23	1
10	QPSK	25	12	21.99	21.98	21.92		
10	QPSK	25	25	22.01	21.86	21.81		
10	QPSK	50	0	22.00	21.95	22.01		
10	16QAM	1	0	21.99	21.90	22.00	23	1
10	16QAM	1	25	22.23	22.19	22.24		
10	16QAM	1	49	21.80	21.73	21.79		
10	16QAM	25	0	20.91	20.95	20.95	22	2
10	16QAM	25	12	20.85	20.87	21.00		
10	16QAM	25	25	21.06	20.82	20.92		
10	16QAM	50	0	21.00	20.98	20.96		
10	64QAM	1	0	20.97	20.87	20.91	22	2
10	64QAM	1	25	21.20	21.26	21.11		
10	64QAM	1	49	20.74	20.61	20.66		
10	64QAM	25	0	19.90	20.01	19.90	21	3
10	64QAM	25	12	19.92	20.05	19.89		
10	64QAM	25	25	19.89	19.94	19.89		
10	64QAM	50	0	19.95	20.01	19.87		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.65	22.76	22.73	24	0
5	QPSK	1	12	23.04	22.94	22.97		
5	QPSK	1	24	22.62	22.62	22.60		
5	QPSK	12	0	21.98	22.11	22.00	23	1
5	QPSK	12	7	21.88	21.99	21.87		
5	QPSK	12	13	21.92	21.94	21.94		
5	QPSK	25	0	21.84	22.03	21.99		
5	16QAM	1	0	21.94	21.99	21.87	23	1
5	16QAM	1	12	22.23	22.16	22.20		
5	16QAM	1	24	21.83	21.72	21.73		
5	16QAM	12	0	20.99	20.96	20.97	22	2
5	16QAM	12	7	20.85	20.91	21.05		
5	16QAM	12	13	21.06	20.91	20.80		
5	16QAM	25	0	20.86	20.85	20.88		
5	64QAM	1	0	20.93	20.87	20.92	22	2
5	64QAM	1	12	21.20	21.10	21.07		
5	64QAM	1	24	20.67	20.55	20.69		
5	64QAM	12	0	19.87	20.05	20.06	21	3
5	64QAM	12	7	19.96	20.01	19.97		
5	64QAM	12	13	19.86	19.93	19.93		
5	64QAM	25	0	20.03	19.97	19.95		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.66	22.63	22.77	24	0
3	QPSK	1	8	23.06	22.94	22.95		
3	QPSK	1	14	22.53	22.60	22.62		
3	QPSK	8	0	21.94	21.96	21.90	23	1
3	QPSK	8	4	22.04	22.04	22.04		
3	QPSK	8	7	22.02	21.97	21.84		
3	QPSK	15	0	21.91	21.90	21.91		
3	16QAM	1	0	21.91	21.99	21.97	23	1
3	16QAM	1	8	22.27	22.22	22.15		
3	16QAM	1	14	21.90	21.73	21.88		
3	16QAM	8	0	20.90	20.96	20.96	22	2
3	16QAM	8	4	21.02	20.86	20.98		
3	16QAM	8	7	20.94	20.86	20.83		
3	16QAM	15	0	21.02	20.95	20.98		
3	64QAM	1	0	20.87	20.86	20.86	22	2
3	64QAM	1	8	21.26	21.06	21.07		
3	64QAM	1	14	20.74	20.53	20.61		
3	64QAM	8	0	19.90	20.08	20.10	21	3
3	64QAM	8	4	19.99	20.02	19.91		
3	64QAM	8	7	19.88	19.86	20.00		
3	64QAM	15	0	20.06	19.85	19.89		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.85	22.88	22.96	24	0
1.4	QPSK	1	3	22.97	23.05	23.07		
1.4	QPSK	1	5	22.90	22.92	22.94		
1.4	QPSK	3	0	23.00	23.01	23.08		
1.4	QPSK	3	1	23.03	23.05	23.10		
1.4	QPSK	3	3	22.97	22.97	23.07		
1.4	QPSK	6	0	21.98	21.97	22.03	23	1
1.4	16QAM	1	0	22.12	22.07	22.22	23	1
1.4	16QAM	1	3	22.23	22.27	22.37		
1.4	16QAM	1	5	22.19	22.21	22.17		
1.4	16QAM	3	0	21.98	21.94	22.05		
1.4	16QAM	3	1	21.98	22.02	22.10		
1.4	16QAM	3	3	21.98	21.95	22.02		
1.4	16QAM	6	0	21.07	21.10	21.13	22	2
1.4	64QAM	1	0	21.03	21.05	21.16	22	2
1.4	64QAM	1	3	21.16	21.08	21.23		
1.4	64QAM	1	5	21.00	20.99	21.10		
1.4	64QAM	3	0	21.06	21.07	21.15		
1.4	64QAM	3	1	21.17	21.13	21.22		
1.4	64QAM	3	3	21.05	21.05	21.15		
1.4	64QAM	6	0	19.98	20.04	20.04	21	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.19	22.22	22.13	24	0
20	QPSK	1	49	22.43	22.50	22.42		
20	QPSK	1	99	22.06	22.15	22.07		
20	QPSK	50	0	21.47	21.48	21.43	23	1
20	QPSK	50	24	21.45	21.47	21.42		
20	QPSK	50	50	21.44	21.44	21.37		
20	QPSK	100	0	21.46	21.47	21.38		
20	16QAM	1	0	21.44	21.50	21.43	23	1
20	16QAM	1	49	21.89	21.76	21.68		
20	16QAM	1	99	21.32	21.22	21.31		
20	16QAM	50	0	20.46	20.48	20.42	22	2
20	16QAM	50	24	20.42	20.45	20.38		
20	16QAM	50	50	20.42	20.40	20.34		
20	16QAM	100	0	20.43	20.41	20.35		
20	64QAM	1	0	20.30	20.40	20.33	22	2
20	64QAM	1	49	20.65	20.68	20.56		
20	64QAM	1	99	20.25	20.17	20.20		
20	64QAM	50	0	19.49	19.49	19.43	21	3
20	64QAM	50	24	19.46	19.47	19.42		
20	64QAM	50	50	19.39	19.41	19.37		
20	64QAM	100	0	19.42	19.46	19.38		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.17	22.21	22.04	24	0
15	QPSK	1	37	22.43	22.46	22.26		
15	QPSK	1	74	22.00	22.15	22.00		
15	QPSK	36	0	21.38	21.49	21.30	23	1
15	QPSK	36	20	21.35	21.31	21.33		
15	QPSK	36	39	21.34	21.41	21.20		
15	QPSK	75	0	21.39	21.39	21.38		
15	16QAM	1	0	21.40	21.31	21.44	23	1
15	16QAM	1	37	21.71	21.60	21.57		
15	16QAM	1	74	21.17	21.07	21.15		
15	16QAM	36	0	20.39	20.29	20.30	22	2
15	16QAM	36	20	20.24	20.41	20.24		
15	16QAM	36	39	20.27	20.27	20.34		
15	16QAM	75	0	20.31	20.24	20.20		
15	64QAM	1	0	20.26	20.31	20.24	22	2
15	64QAM	1	37	20.55	20.57	20.42		
15	64QAM	1	74	20.07	20.08	20.10		
15	64QAM	36	0	19.33	19.43	19.29	21	3
15	64QAM	36	20	19.37	19.48	19.26		
15	64QAM	36	39	19.25	19.33	19.29		
15	64QAM	75	0	19.33	19.40	19.35		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.14	22.06	22.09	24	0
10	QPSK	1	25	22.29	22.39	22.34		
10	QPSK	1	49	22.04	22.05	22.04		
10	QPSK	25	0	21.38	21.31	21.42	23	1
10	QPSK	25	12	21.39	21.39	21.40		
10	QPSK	25	25	21.33	21.34	21.20		
10	QPSK	50	0	21.32	21.42	21.31		
10	16QAM	1	0	21.39	21.51	21.39	23	1
10	16QAM	1	25	21.71	21.69	21.62		
10	16QAM	1	49	21.22	21.21	21.24		
10	16QAM	25	0	20.33	20.38	20.26	22	2
10	16QAM	25	12	20.24	20.35	20.30		
10	16QAM	25	25	20.36	20.22	20.17		
10	16QAM	50	0	20.33	20.42	20.22		
10	64QAM	1	0	20.22	20.33	20.23	22	2
10	64QAM	1	25	20.47	20.59	20.43		
10	64QAM	1	49	20.25	20.05	20.18		
10	64QAM	25	0	19.42	19.44	19.34	21	3
10	64QAM	25	12	19.31	19.43	19.40		
10	64QAM	25	25	19.34	19.22	19.29		
10	64QAM	50	0	19.34	19.46	19.25		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.07	22.21	22.22	24	0
5	QPSK	1	12	22.31	22.39	22.27		
5	QPSK	1	24	22.04	22.08	22.02		
5	QPSK	12	0	21.34	21.29	21.44	23	1
5	QPSK	12	7	21.26	21.37	21.32		
5	QPSK	12	13	21.27	21.34	21.25		
5	QPSK	25	0	21.44	21.43	21.21		
5	16QAM	1	0	21.40	21.37	21.35	23	1
5	16QAM	1	12	21.71	21.69	21.51		
5	16QAM	1	24	21.19	21.11	21.26		
5	16QAM	12	0	20.30	20.29	20.24	22	2
5	16QAM	12	7	20.39	20.36	20.22		
5	16QAM	12	13	20.38	20.21	20.15		
5	16QAM	25	0	20.39	20.22	20.29		
5	64QAM	1	0	20.28	20.24	20.15	22	2
5	64QAM	1	12	20.65	20.65	20.40		
5	64QAM	1	24	20.26	20.11	20.06		
5	64QAM	12	0	19.33	19.46	19.36	21	3
5	64QAM	12	7	19.30	19.46	19.40		
5	64QAM	12	13	19.40	19.42	19.26		
5	64QAM	25	0	19.42	19.36	19.35		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.09	22.23	22.00	24	0
3	QPSK	1	8	22.39	22.49	22.40		
3	QPSK	1	14	22.01	22.05	22.04		
3	QPSK	8	0	21.48	21.41	21.24	23	1
3	QPSK	8	4	21.38	21.36	21.31		
3	QPSK	8	7	21.30	21.36	21.38		
3	QPSK	15	0	21.41	21.34	21.23		
3	16QAM	1	0	21.27	21.43	21.44	23	1
3	16QAM	1	8	21.86	21.76	21.49		
3	16QAM	1	14	21.18	21.06	21.29		
3	16QAM	8	0	20.29	20.49	20.40	22	2
3	16QAM	8	4	20.42	20.28	20.23		
3	16QAM	8	7	20.36	20.36	20.20		
3	16QAM	15	0	20.29	20.31	20.18		
3	64QAM	1	0	20.21	20.40	20.31	22	2
3	64QAM	1	8	20.54	20.65	20.46		
3	64QAM	1	14	20.23	20.07	20.20		
3	64QAM	8	0	19.37	19.44	19.29	21	3
3	64QAM	8	4	19.27	19.30	19.38		
3	64QAM	8	7	19.37	19.39	19.37		
3	64QAM	15	0	19.37	19.45	19.36		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.27	22.27	22.29	24	0
1.4	QPSK	1	3	22.40	22.41	22.37		
1.4	QPSK	1	5	22.31	22.30	22.30		
1.4	QPSK	3	0	22.38	22.39	22.38		
1.4	QPSK	3	1	22.44	22.44	22.45		
1.4	QPSK	3	3	22.36	22.38	22.36		
1.4	QPSK	6	0	21.33	21.36	21.34	23	1
1.4	16QAM	1	0	21.45	21.59	21.50	23	1
1.4	16QAM	1	3	21.70	21.65	21.62		
1.4	16QAM	1	5	21.57	21.49	21.47		
1.4	16QAM	3	0	21.31	21.37	21.35		
1.4	16QAM	3	1	21.46	21.44	21.42		
1.4	16QAM	3	3	21.32	21.35	21.36		
1.4	16QAM	6	0	20.44	20.46	20.44	22	2
1.4	64QAM	1	0	20.40	20.38	20.37	22	2
1.4	64QAM	1	3	20.55	20.54	20.45		
1.4	64QAM	1	5	20.45	20.43	20.51		
1.4	64QAM	3	0	20.44	20.51	20.47		
1.4	64QAM	3	1	20.51	20.46	20.53		
1.4	64QAM	3	3	20.46	20.44	20.47		
1.4	64QAM	6	0	19.39	19.37	19.36	21	3

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.06	23.07	23.03	24	0
10	QPSK	1	25	23.15	23.19	23.14		
10	QPSK	1	49	23.07	23.03	23.02		
10	QPSK	25	0	22.18	22.23	22.18	23	1
10	QPSK	25	12	22.16	22.15	22.16		
10	QPSK	25	25	22.13	22.15	22.01		
10	QPSK	50	0	22.16	22.19	22.07		
10	16QAM	1	0	22.25	22.32	22.25	23	1
10	16QAM	1	25	22.40	22.35	22.37		
10	16QAM	1	49	22.32	22.30	22.29		
10	16QAM	25	0	21.14	21.14	21.12	22	2
10	16QAM	25	12	21.15	21.15	21.15		
10	16QAM	25	25	21.21	21.15	20.98		
10	16QAM	50	0	21.17	21.15	21.05		
10	64QAM	1	0	21.19	21.16	21.20	22	2
10	64QAM	1	25	21.34	21.31	21.26		
10	64QAM	1	49	21.17	21.25	21.19		
10	64QAM	25	0	20.20	20.18	20.18	21	3
10	64QAM	25	12	20.20	20.17	20.18		
10	64QAM	25	25	20.24	20.16	20.03		
10	64QAM	50	0	20.21	20.16	20.09		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.93	23.02	22.95	24	0
5	QPSK	1	12	23.14	23.11	23.09		
5	QPSK	1	24	22.94	22.86	23.03		
5	QPSK	12	0	22.11	22.14	22.11	23	1
5	QPSK	12	7	22.14	21.96	22.09		
5	QPSK	12	13	21.94	22.07	21.89		
5	QPSK	25	0	22.12	22.00	22.00		
5	16QAM	1	0	22.24	22.16	22.22	23	1
5	16QAM	1	12	22.34	22.33	22.21		
5	16QAM	1	24	22.14	22.22	22.22		
5	16QAM	12	0	20.95	21.05	21.02	22	2
5	16QAM	12	7	21.07	21.08	21.05		
5	16QAM	12	13	21.09	21.00	20.81		
5	16QAM	25	0	21.02	21.11	20.87		
5	64QAM	1	0	21.04	21.17	21.02	22	2
5	64QAM	1	12	21.30	21.26	21.11		
5	64QAM	1	24	21.08	21.07	21.14		
5	64QAM	12	0	20.01	20.18	20.12	21	3
5	64QAM	12	7	20.09	20.12	20.09		
5	64QAM	12	13	20.05	19.98	19.84		
5	64QAM	25	0	20.19	20.09	20.09		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.90	22.94	22.97	24	0
3	QPSK	1	8	23.06	23.11	22.96		
3	QPSK	1	14	23.02	22.86	22.87		
3	QPSK	8	0	22.19	22.09	22.12	23	1
3	QPSK	8	4	21.97	22.08	22.08		
3	QPSK	8	7	22.08	21.96	21.88		
3	QPSK	15	0	22.17	22.09	21.97		
3	16QAM	1	0	22.22	22.17	22.21	23	1
3	16QAM	1	8	22.40	22.19	22.22		
3	16QAM	1	14	22.19	22.21	22.24		
3	16QAM	8	0	20.96	21.03	20.96	22	2
3	16QAM	8	4	21.02	20.99	21.13		
3	16QAM	8	7	21.02	21.12	20.85		
3	16QAM	15	0	21.14	21.06	21.05		
3	64QAM	1	0	21.19	21.13	21.12	22	2
3	64QAM	1	8	21.22	21.12	21.27		
3	64QAM	1	14	21.14	21.06	21.07		
3	64QAM	8	0	20.11	20.03	20.09	21	3
3	64QAM	8	4	20.09	19.98	20.07		
3	64QAM	8	7	20.10	20.04	20.01		
3	64QAM	15	0	20.07	19.98	20.05		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.00	23.00	22.97	24	0
1.4	QPSK	1	3	23.11	23.13	23.13		
1.4	QPSK	1	5	22.97	22.99	23.00		
1.4	QPSK	3	0	23.11	23.08	23.09		
1.4	QPSK	3	1	23.13	23.14	23.17		
1.4	QPSK	3	3	23.09	23.11	23.09		
1.4	QPSK	6	0	22.13	22.12	22.12	23	1
1.4	16QAM	1	0	22.15	22.19	22.24	23	1
1.4	16QAM	1	3	22.34	22.36	22.31		
1.4	16QAM	1	5	22.24	22.19	22.14		
1.4	16QAM	3	0	22.07	22.02	22.02		
1.4	16QAM	3	1	22.09	22.13	22.07		
1.4	16QAM	3	3	22.04	22.05	22.05		
1.4	16QAM	6	0	21.18	21.14	21.17	22	2
1.4	64QAM	1	0	21.16	21.11	21.08	22	2
1.4	64QAM	1	3	21.19	21.19	21.27		
1.4	64QAM	1	5	21.14	21.13	21.14		
1.4	64QAM	3	0	21.18	21.09	21.17		
1.4	64QAM	3	1	21.24	21.23	21.17		
1.4	64QAM	3	3	21.19	21.21	21.14		
1.4	64QAM	6	0	20.15	20.15	20.11	21	3

Band 5_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.48	22.50	22.48	24	0
10	QPSK	1	25	22.58	22.64	22.59		
10	QPSK	1	49	22.48	22.48	22.51		
10	QPSK	25	0	21.60	21.72	21.69	23	1
10	QPSK	25	12	21.49	21.62	21.62		
10	QPSK	25	25	21.58	21.64	21.62		
10	QPSK	50	0	21.55	21.69	21.66		
10	16QAM	1	0	21.74	21.62	21.69	23	1
10	16QAM	1	25	21.83	21.90	21.83		
10	16QAM	1	49	21.71	21.73	21.69		
10	16QAM	25	0	20.50	20.60	20.67	22	2
10	16QAM	25	12	20.54	20.59	20.62		
10	16QAM	25	25	20.55	20.68	20.63		
10	16QAM	50	0	20.54	20.67	20.61		
10	64QAM	1	0	20.66	20.62	20.64	22	2
10	64QAM	1	25	20.76	20.78	20.81		
10	64QAM	1	49	20.58	20.56	20.58		
10	64QAM	25	0	19.55	19.66	19.74	21	3
10	64QAM	25	12	19.61	19.62	19.64		
10	64QAM	25	25	19.55	19.72	19.62		
10	64QAM	50	0	19.57	19.71	19.68		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.43	22.47	22.32	24	0
5	QPSK	1	12	22.56	22.42	22.44		
5	QPSK	1	24	22.48	22.30	22.39		
5	QPSK	12	0	21.44	21.56	21.56	23	1
5	QPSK	12	7	21.32	21.47	21.58		
5	QPSK	12	13	21.48	21.64	21.43		
5	QPSK	25	0	21.44	21.58	21.63		
5	16QAM	1	0	21.71	21.54	21.67	23	1
5	16QAM	1	12	21.70	21.71	21.84		
5	16QAM	1	24	21.63	21.68	21.55		
5	16QAM	12	0	20.43	20.51	20.58	22	2
5	16QAM	12	7	20.47	20.49	20.61		
5	16QAM	12	13	20.51	20.52	20.58		
5	16QAM	25	0	20.42	20.58	20.49		
5	64QAM	1	0	20.60	20.59	20.59	22	2
5	64QAM	1	12	20.74	20.79	20.77		
5	64QAM	1	24	20.57	20.47	20.51		
5	64QAM	12	0	19.44	19.66	19.69	21	3
5	64QAM	12	7	19.57	19.50	19.61		
5	64QAM	12	13	19.52	19.72	19.56		
5	64QAM	25	0	19.58	19.60	19.53		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.44	22.50	22.43	24	0
3	QPSK	1	8	22.44	22.48	22.45		
3	QPSK	1	14	22.46	22.48	22.39		
3	QPSK	8	0	21.59	21.53	21.70	23	1
3	QPSK	8	4	21.42	21.46	21.50		
3	QPSK	8	7	21.50	21.60	21.54		
3	QPSK	15	0	21.40	21.66	21.56		
3	16QAM	1	0	21.68	21.44	21.52	23	1
3	16QAM	1	8	21.76	21.87	21.84		
3	16QAM	1	14	21.65	21.74	21.57		
3	16QAM	8	0	20.40	20.58	20.61	22	2
3	16QAM	8	4	20.41	20.47	20.51		
3	16QAM	8	7	20.50	20.58	20.53		
3	16QAM	15	0	20.47	20.67	20.53		
3	64QAM	1	0	20.51	20.52	20.49	22	2
3	64QAM	1	8	20.67	20.70	20.64		
3	64QAM	1	14	20.44	20.44	20.59		
3	64QAM	8	0	19.42	19.57	19.59	21	3
3	64QAM	8	4	19.45	19.52	19.61		
3	64QAM	8	7	19.38	19.64	19.60		
3	64QAM	15	0	19.55	19.53	19.64		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.50	22.47	22.47	24	0
1.4	QPSK	1	3	22.61	22.52	22.54		
1.4	QPSK	1	5	22.44	22.49	22.47		
1.4	QPSK	3	0	22.54	22.59	22.61		
1.4	QPSK	3	1	22.59	22.61	22.58		
1.4	QPSK	3	3	22.58	22.58	22.61		
1.4	QPSK	6	0	21.57	21.60	21.62	23	1
1.4	16QAM	1	0	21.58	21.65	21.66	23	1
1.4	16QAM	1	3	21.77	21.85	21.79		
1.4	16QAM	1	5	21.65	21.68	21.70		
1.4	16QAM	3	0	21.49	21.54	21.53		
1.4	16QAM	3	1	21.51	21.54	21.55		
1.4	16QAM	3	3	21.52	21.53	21.53		
1.4	16QAM	6	0	20.66	20.62	20.67	22	2
1.4	64QAM	1	0	20.54	20.65	20.65	22	2
1.4	64QAM	1	3	20.95	20.70	20.71		
1.4	64QAM	1	5	20.53	20.63	20.56		
1.4	64QAM	3	0	20.66	20.66	20.65		
1.4	64QAM	3	1	20.68	20.71	20.75		
1.4	64QAM	3	3	20.66	20.65	20.68		
1.4	64QAM	6	0	19.67	19.64	19.64	21	3

Band 7_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.07	23.07	23.03	24	0
20	QPSK	1	49	23.40	23.48	23.40		
20	QPSK	1	99	23.03	23.11	23.11		
20	QPSK	50	0	22.41	22.50	22.47	23	1
20	QPSK	50	24	22.40	22.47	22.39		
20	QPSK	50	50	22.37	22.45	22.46		
20	QPSK	100	0	22.35	22.46	22.40		
20	16QAM	1	0	22.27	22.24	22.22	23	1
20	16QAM	1	49	22.47	22.58	22.51		
20	16QAM	1	99	22.26	22.36	22.28		
20	16QAM	50	0	21.38	21.48	21.42	22	2
20	16QAM	50	24	21.43	21.49	21.46		
20	16QAM	50	50	21.42	21.55	21.47		
20	16QAM	100	0	21.40	21.50	21.41		
20	64QAM	1	0	21.32	21.22	21.28	22	2
20	64QAM	1	49	21.48	21.47	21.47		
20	64QAM	1	99	21.30	21.31	21.34		
20	64QAM	50	0	20.40	20.49	20.42	21	3
20	64QAM	50	24	20.45	20.49	20.47		
20	64QAM	50	50	20.41	20.53	20.47		
20	64QAM	100	0	20.41	20.49	20.43		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.06	23.07	22.89	24	0
15	QPSK	1	37	23.27	23.29	23.32		
15	QPSK	1	74	22.99	23.12	23.05		
15	QPSK	36	0	22.24	22.45	22.37	23	1
15	QPSK	36	20	22.26	22.34	22.36		
15	QPSK	36	39	22.32	22.45	22.28		
15	QPSK	75	0	22.22	22.39	22.34		
15	16QAM	1	0	22.26	22.24	22.11	23	1
15	16QAM	1	37	22.36	22.54	22.48		
15	16QAM	1	74	22.09	22.33	22.21		
15	16QAM	36	0	21.36	21.30	21.31	22	2
15	16QAM	36	20	21.42	21.39	21.35		
15	16QAM	36	39	21.43	21.53	21.46		
15	16QAM	75	0	21.32	21.48	21.33		
15	64QAM	1	0	21.21	21.23	21.18	22	2
15	64QAM	1	37	21.37	21.33	21.46		
15	64QAM	1	74	21.12	21.15	21.29		
15	64QAM	36	0	20.40	20.46	20.31	21	3
15	64QAM	36	20	20.42	20.48	20.46		
15	64QAM	36	39	20.30	20.53	20.46		
15	64QAM	75	0	20.41	20.45	20.37		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.00	22.97	22.89	24	0
10	QPSK	1	25	23.24	23.32	23.30		
10	QPSK	1	49	23.04	23.08	22.95		
10	QPSK	25	0	22.30	22.45	22.48	23	1
10	QPSK	25	12	22.39	22.31	22.20		
10	QPSK	25	25	22.34	22.26	22.37		
10	QPSK	50	0	22.30	22.44	22.26		
10	16QAM	1	0	22.27	22.25	22.04	23	1
10	16QAM	1	25	22.38	22.42	22.43		
10	16QAM	1	49	22.21	22.26	22.17		
10	16QAM	25	0	21.29	21.35	21.24	22	2
10	16QAM	25	12	21.39	21.46	21.39		
10	16QAM	25	25	21.35	21.39	21.28		
10	16QAM	50	0	21.35	21.37	21.40		
10	64QAM	1	0	21.18	21.19	21.27	22	2
10	64QAM	1	25	21.31	21.33	21.36		
10	64QAM	1	49	21.11	21.32	21.29		
10	64QAM	25	0	20.31	20.49	20.34	21	3
10	64QAM	25	12	20.35	20.41	20.29		
10	64QAM	25	25	20.24	20.53	20.36		
10	64QAM	50	0	20.36	20.50	20.35		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.07	22.95	22.99	24	0
5	QPSK	1	12	23.38	23.40	23.25		
5	QPSK	1	24	22.90	23.09	23.12		
5	QPSK	12	0	22.28	22.35	22.35	23	1
5	QPSK	12	7	22.33	22.31	22.23		
5	QPSK	12	13	22.25	22.38	22.31		
5	QPSK	25	0	22.19	22.34	22.35		
5	16QAM	1	0	22.08	22.09	22.08	23	1
5	16QAM	1	12	22.41	22.55	22.39		
5	16QAM	1	24	22.07	22.37	22.17		
5	16QAM	12	0	21.29	21.33	21.27	22	2
5	16QAM	12	7	21.40	21.46	21.35		
5	16QAM	12	13	21.30	21.36	21.48		
5	16QAM	25	0	21.36	21.49	21.30		
5	64QAM	1	0	21.32	21.06	21.10	22	2
5	64QAM	1	12	21.35	21.30	21.39		
5	64QAM	1	24	21.27	21.26	21.19		
5	64QAM	12	0	20.39	20.48	20.25	21	3
5	64QAM	12	7	20.29	20.41	20.41		
5	64QAM	12	13	20.36	20.40	20.40		
5	64QAM	25	0	20.27	20.40	20.39		

Band 7_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.11	22.17	22.18	24	0
20	QPSK	1	49	22.46	22.60	22.53		
20	QPSK	1	99	22.20	22.21	22.19		
20	QPSK	50	0	21.51	21.65	21.56	23	1
20	QPSK	50	24	21.44	21.61	21.52		
20	QPSK	50	50	21.50	21.61	21.54		
20	QPSK	100	0	21.46	21.59	21.51		
20	16QAM	1	0	21.30	21.42	21.35	23	1
20	16QAM	1	49	21.76	21.85	21.75		
20	16QAM	1	99	21.41	21.50	21.43		
20	16QAM	50	0	20.47	20.64	20.53	22	2
20	16QAM	50	24	20.54	20.67	20.60		
20	16QAM	50	50	20.53	20.69	20.58		
20	16QAM	100	0	20.50	20.64	20.57		
20	64QAM	1	0	20.36	20.34	20.31	22	2
20	64QAM	1	49	20.65	20.75	20.77		
20	64QAM	1	99	20.39	20.51	20.44		
20	64QAM	50	0	19.48	19.63	19.53	21	3
20	64QAM	50	24	19.52	19.65	19.60		
20	64QAM	50	50	19.54	19.64	19.57		
20	64QAM	100	0	19.49	19.62	19.54		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.05	22.01	22.15	24	0
15	QPSK	1	37	22.29	22.50	22.53		
15	QPSK	1	74	22.20	22.18	22.16		
15	QPSK	36	0	21.40	21.58	21.39	23	1
15	QPSK	36	20	21.32	21.48	21.53		
15	QPSK	36	39	21.37	21.42	21.52		
15	QPSK	75	0	21.32	21.52	21.40		
15	16QAM	1	0	21.16	21.29	21.32	23	1
15	16QAM	1	37	21.59	21.69	21.72		
15	16QAM	1	74	21.36	21.32	21.37		
15	16QAM	36	0	20.34	20.46	20.49	22	2
15	16QAM	36	20	20.52	20.51	20.44		
15	16QAM	36	39	20.40	20.52	20.39		
15	16QAM	75	0	20.37	20.65	20.54		
15	64QAM	1	0	20.17	20.21	20.15	22	2
15	64QAM	1	37	20.50	20.62	20.67		
15	64QAM	1	74	20.40	20.34	20.42		
15	64QAM	36	0	19.32	19.46	19.43	21	3
15	64QAM	36	20	19.42	19.57	19.58		
15	64QAM	36	39	19.35	19.52	19.40		
15	64QAM	75	0	19.40	19.50	19.40		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.11	22.01	22.00	24	0
10	QPSK	1	25	22.38	22.47	22.35		
10	QPSK	1	49	22.13	22.02	22.17		
10	QPSK	25	0	21.44	21.60	21.37	23	1
10	QPSK	25	12	21.36	21.51	21.48		
10	QPSK	25	25	21.34	21.51	21.47		
10	QPSK	50	0	21.28	21.50	21.38		
10	16QAM	1	0	21.28	21.30	21.21	23	1
10	16QAM	1	25	21.66	21.72	21.72		
10	16QAM	1	49	21.34	21.44	21.30		
10	16QAM	25	0	20.39	20.61	20.47	22	2
10	16QAM	25	12	20.47	20.49	20.57		
10	16QAM	25	25	20.45	20.60	20.50		
10	16QAM	50	0	20.35	20.59	20.51		
10	64QAM	1	0	20.30	20.15	20.31	22	2
10	64QAM	1	25	20.48	20.59	20.70		
10	64QAM	1	49	20.29	20.45	20.25		
10	64QAM	25	0	19.45	19.52	19.52	21	3
10	64QAM	25	12	19.34	19.61	19.57		
10	64QAM	25	25	19.42	19.45	19.53		
10	64QAM	50	0	19.39	19.44	19.42		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.03	22.14	22.16	24	0
5	QPSK	1	12	22.43	22.59	22.52		
5	QPSK	1	24	22.12	22.12	22.12		
5	QPSK	12	0	21.40	21.53	21.48	23	1
5	QPSK	12	7	21.37	21.51	21.43		
5	QPSK	12	13	21.33	21.59	21.53		
5	QPSK	25	0	21.38	21.41	21.32		
5	16QAM	1	0	21.28	21.31	21.36	23	1
5	16QAM	1	12	21.57	21.73	21.58		
5	16QAM	1	24	21.40	21.40	21.34		
5	16QAM	12	0	20.33	20.56	20.40	22	2
5	16QAM	12	7	20.36	20.48	20.47		
5	16QAM	12	13	20.39	20.65	20.55		
5	16QAM	25	0	20.38	20.58	20.44		
5	64QAM	1	0	20.34	20.30	20.29	22	2
5	64QAM	1	12	20.50	20.58	20.60		
5	64QAM	1	24	20.31	20.40	20.32		
5	64QAM	12	0	19.29	19.63	19.50	21	3
5	64QAM	12	7	19.53	19.60	19.51		
5	64QAM	12	13	19.52	19.47	19.58		
5	64QAM	25	0	19.44	19.60	19.48		

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.13		24	0
10	QPSK	1	25		23.26			
10	QPSK	1	49		23.15			
10	QPSK	25	0		22.26		23	1
10	QPSK	25	12		22.16			
10	QPSK	25	25		22.13			
10	QPSK	50	0		22.19			
10	16QAM	1	0		22.33		23	1
10	16QAM	1	25		22.49			
10	16QAM	1	49		22.44			
10	16QAM	25	0		21.19		22	2
10	16QAM	25	12		21.29			
10	16QAM	25	25		21.16			
10	16QAM	50	0		21.23			
10	64QAM	1	0		21.40		22	2
10	64QAM	1	25		21.42			
10	64QAM	1	49		21.39			
10	64QAM	25	0		20.23		21	3
10	64QAM	25	12		20.29			
10	64QAM	25	25		20.18			
10	64QAM	50	0		20.19			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.00	23.00	23.07	24	0
5	QPSK	1	12	23.21	23.22	23.13		
5	QPSK	1	24	23.00	23.08	23.00		
5	QPSK	12	0	22.17	22.23	22.20	23	1
5	QPSK	12	7	22.02	22.16	22.10		
5	QPSK	12	13	22.05	21.97	22.04		
5	QPSK	25	0	22.20	22.18	22.05		
5	16QAM	1	0	22.29	22.22	22.22	23	1
5	16QAM	1	12	22.39	22.47	22.49		
5	16QAM	1	24	22.44	22.29	22.43		
5	16QAM	12	0	21.17	21.13	21.04	22	2
5	16QAM	12	7	21.10	21.23	21.23		
5	16QAM	12	13	21.03	21.14	20.98		
5	16QAM	25	0	21.15	21.23	21.04		
5	64QAM	1	0	21.35	21.24	21.38	22	2
5	64QAM	1	12	21.37	21.26	21.28		
5	64QAM	1	24	21.34	21.21	21.22		
5	64QAM	12	0	20.14	20.08	20.17	21	3
5	64QAM	12	7	20.19	20.26	20.12		
5	64QAM	12	13	20.12	20.00	20.12		
5	64QAM	25	0	20.08	20.12	20.18		

Band 26(FCC)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.99	22.91	22.94	24	0
15	QPSK	1	37	23.20	23.25	23.14		
15	QPSK	1	74	22.99	22.94	22.94		
15	QPSK	36	0	22.12	22.15	22.13	23	1
15	QPSK	36	20	22.09	22.08	22.12		
15	QPSK	36	39	22.10	22.11	22.06		
15	QPSK	75	0	22.10	22.11	22.08		
15	16QAM	1	0	22.26	22.15	22.23	23	1
15	16QAM	1	37	22.52	22.49	22.42		
15	16QAM	1	74	22.20	22.22	22.15		
15	16QAM	36	0	21.07	21.05	21.11	22	2
15	16QAM	36	20	21.11	21.09	21.15		
15	16QAM	36	39	21.08	21.10	21.03		
15	16QAM	75	0	21.10	21.07	21.10		
15	64QAM	1	0	21.17	21.08	21.15	22	2
15	64QAM	1	37	21.28	21.36	21.38		
15	64QAM	1	74	21.19	21.21	21.13		
15	64QAM	36	0	20.15	20.11	20.15	21	3
15	64QAM	36	20	20.17	20.19	20.19		
15	64QAM	36	39	20.16	20.15	20.10		
15	64QAM	75	0	20.13	20.14	20.13		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.92	22.92	22.90	24	0
10	QPSK	1	25	23.21	23.24	22.96		
10	QPSK	1	49	22.97	22.94	22.76		
10	QPSK	25	0	22.13	22.12	21.95	23	1
10	QPSK	25	12	21.91	21.93	22.05		
10	QPSK	25	25	22.08	22.07	21.89		
10	QPSK	50	0	22.09	22.12	21.90		
10	16QAM	1	0	22.27	21.96	22.23	23	1
10	16QAM	1	25	22.46	22.32	22.40		
10	16QAM	1	49	22.12	22.06	22.07		
10	16QAM	25	0	21.03	20.96	21.12	22	2
10	16QAM	25	12	20.93	20.91	21.12		
10	16QAM	25	25	21.03	20.97	20.88		
10	16QAM	50	0	20.92	20.97	20.93		
10	64QAM	1	0	21.00	20.92	21.04	22	2
10	64QAM	1	25	21.27	21.23	21.36		
10	64QAM	1	49	21.03	21.04	21.08		
10	64QAM	25	0	20.04	19.93	19.98	21	3
10	64QAM	25	12	19.99	20.04	20.15		
10	64QAM	25	25	20.08	20.01	19.99		
10	64QAM	50	0	20.13	19.96	20.07		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.93	22.82	22.75	24	0
5	QPSK	1	12	23.03	23.21	23.02		
5	QPSK	1	24	22.93	22.76	22.76		
5	QPSK	12	0	21.93	22.02	21.99	23	1
5	QPSK	12	7	22.00	22.07	22.02		
5	QPSK	12	13	22.10	22.09	21.97		
5	QPSK	25	0	22.06	21.94	22.09		
5	16QAM	1	0	22.17	22.11	22.14	23	1
5	16QAM	1	12	22.50	22.39	22.41		
5	16QAM	1	24	22.18	22.09	22.09		
5	16QAM	12	0	20.94	20.94	20.96	22	2
5	16QAM	12	7	21.06	20.94	20.98		
5	16QAM	12	13	20.90	20.94	20.84		
5	16QAM	25	0	21.01	20.95	20.94		
5	64QAM	1	0	21.15	21.08	21.01	22	2
5	64QAM	1	12	21.16	21.31	21.22		
5	64QAM	1	24	21.11	21.09	21.09		
5	64QAM	12	0	20.02	19.94	20.11	21	3
5	64QAM	12	7	19.98	20.02	20.02		
5	64QAM	12	13	20.09	20.06	19.93		
5	64QAM	25	0	20.04	20.10	19.94		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.82	22.81	22.90	24	0
3	QPSK	1	8	23.16	23.14	22.97		
3	QPSK	1	14	22.88	22.87	22.85		
3	QPSK	8	0	22.03	21.96	21.96	23	1
3	QPSK	8	4	21.98	21.93	22.01		
3	QPSK	8	7	21.93	22.03	21.93		
3	QPSK	15	0	22.09	21.98	22.06		
3	16QAM	1	0	22.14	22.02	22.21	23	1
3	16QAM	1	8	22.53	22.41	22.37		
3	16QAM	1	14	22.09	22.03	22.03		
3	16QAM	8	0	20.89	21.01	21.09	22	2
3	16QAM	8	4	20.92	21.00	21.13		
3	16QAM	8	7	21.07	21.01	21.00		
3	16QAM	15	0	21.02	20.98	20.99		
3	64QAM	1	0	21.12	20.96	21.14	22	2
3	64QAM	1	8	21.09	21.33	21.39		
3	64QAM	1	14	21.11	21.10	21.05		
3	64QAM	8	0	20.06	20.02	20.16	21	3
3	64QAM	8	4	20.12	20.14	20.18		
3	64QAM	8	7	20.09	20.06	20.00		
3	64QAM	15	0	20.13	20.12	19.98		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.01	23.00	22.98	24	0
1.4	QPSK	1	3	23.16	23.10	23.09		
1.4	QPSK	1	5	23.03	22.99	23.01		
1.4	QPSK	3	0	23.14	23.10	23.10		
1.4	QPSK	3	1	23.18	23.13	23.14		
1.4	QPSK	3	3	23.14	23.09	23.10		
1.4	QPSK	6	0	22.13	22.13	22.16	23	1
1.4	16QAM	1	0	22.17	22.21	22.13	23	1
1.4	16QAM	1	3	22.38	22.36	22.35		
1.4	16QAM	1	5	22.21	22.26	22.19		
1.4	16QAM	3	0	22.09	22.02	22.04		
1.4	16QAM	3	1	22.15	22.13	22.14		
1.4	16QAM	3	3	22.08	22.05	22.03		
1.4	16QAM	6	0	21.21	21.19	21.19	22	2
1.4	64QAM	1	0	21.17	21.21	21.20	22	2
1.4	64QAM	1	3	21.19	21.26	21.28		
1.4	64QAM	1	5	21.13	21.12	21.17		
1.4	64QAM	3	0	21.21	21.23	21.19		
1.4	64QAM	3	1	21.26	21.22	21.25		
1.4	64QAM	3	3	21.15	21.16	21.15		
1.4	64QAM	6	0	20.17	20.16	20.14	21	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.54	22.52	22.52	24	0
15	QPSK	1	37	22.77	22.79	22.71		
15	QPSK	1	74	22.55	22.53	22.52		
15	QPSK	36	0	21.71	21.75	21.72	23	1
15	QPSK	36	20	21.63	21.67	21.70		
15	QPSK	36	39	21.63	21.69	21.66		
15	QPSK	75	0	21.62	21.70	21.65		
15	16QAM	1	0	21.80	21.70	21.76	23	1
15	16QAM	1	37	21.85	22.06	21.98		
15	16QAM	1	74	21.86	21.76	21.77		
15	16QAM	36	0	20.58	20.61	20.70	22	2
15	16QAM	36	20	20.68	20.65	20.70		
15	16QAM	36	39	20.60	20.71	20.69		
15	16QAM	75	0	20.60	20.69	20.69		
15	64QAM	1	0	20.64	20.66	20.73	22	2
15	64QAM	1	37	20.95	20.85	20.95		
15	64QAM	1	74	20.70	20.64	20.66		
15	64QAM	36	0	19.68	19.72	19.77	21	3
15	64QAM	36	20	19.73	19.78	19.77		
15	64QAM	36	39	19.67	19.77	19.73		
15	64QAM	75	0	19.62	19.74	19.74		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.55	22.42	22.47	24	0
10	QPSK	1	25	22.62	22.65	22.69		
10	QPSK	1	49	22.40	22.41	22.51		
10	QPSK	25	0	21.67	21.62	21.62	23	1
10	QPSK	25	12	21.50	21.48	21.66		
10	QPSK	25	25	21.52	21.63	21.54		
10	QPSK	50	0	21.52	21.55	21.48		
10	16QAM	1	0	21.71	21.51	21.77	23	1
10	16QAM	1	25	21.80	22.05	21.84		
10	16QAM	1	49	21.72	21.69	21.66		
10	16QAM	25	0	20.51	20.44	20.69	22	2
10	16QAM	25	12	20.59	20.46	20.58		
10	16QAM	25	25	20.47	20.54	20.54		
10	16QAM	50	0	20.56	20.64	20.58		
10	64QAM	1	0	20.56	20.47	20.64	22	2
10	64QAM	1	25	20.92	20.66	20.89		
10	64QAM	1	49	20.68	20.47	20.49		
10	64QAM	25	0	19.57	19.59	19.59	21	3
10	64QAM	25	12	19.68	19.60	19.58		
10	64QAM	25	25	19.68	19.62	19.62		
10	64QAM	50	0	19.44	19.63	19.61		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.48	22.37	22.34	24	0
5	QPSK	1	12	22.61	22.78	22.52		
5	QPSK	1	24	22.47	22.34	22.49		
5	QPSK	12	0	21.63	21.63	21.73	23	1
5	QPSK	12	7	21.62	21.51	21.53		
5	QPSK	12	13	21.44	21.64	21.50		
5	QPSK	25	0	21.44	21.68	21.52		
5	16QAM	1	0	21.66	21.68	21.62	23	1
5	16QAM	1	12	21.72	21.95	21.93		
5	16QAM	1	24	21.86	21.66	21.64		
5	16QAM	12	0	20.50	20.59	20.53	22	2
5	16QAM	12	7	20.69	20.60	20.60		
5	16QAM	12	13	20.54	20.52	20.55		
5	16QAM	25	0	20.54	20.69	20.51		
5	64QAM	1	0	20.58	20.52	20.67	22	2
5	64QAM	1	12	20.81	20.72	20.94		
5	64QAM	1	24	20.64	20.50	20.62		
5	64QAM	12	0	19.50	19.67	19.73	21	3
5	64QAM	12	7	19.67	19.73	19.76		
5	64QAM	12	13	19.55	19.73	19.69		
5	64QAM	25	0	19.55	19.60	19.66		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.53	22.36	22.40	24	0
3	QPSK	1	8	22.71	22.76	22.60		
3	QPSK	1	14	22.54	22.34	22.49		
3	QPSK	8	0	21.71	21.74	21.68	23	1
3	QPSK	8	4	21.53	21.60	21.54		
3	QPSK	8	7	21.50	21.54	21.58		
3	QPSK	15	0	21.53	21.54	21.60		
3	16QAM	1	0	21.77	21.57	21.70	23	1
3	16QAM	1	8	21.68	21.94	21.83		
3	16QAM	1	14	21.85	21.75	21.71		
3	16QAM	8	0	20.50	20.62	20.60	22	2
3	16QAM	8	4	20.52	20.52	20.52		
3	16QAM	8	7	20.41	20.64	20.64		
3	16QAM	15	0	20.50	20.57	20.52		
3	64QAM	1	0	20.48	20.60	20.58	22	2
3	64QAM	1	8	20.78	20.86	20.84		
3	64QAM	1	14	20.65	20.54	20.64		
3	64QAM	8	0	19.56	19.56	19.64	21	3
3	64QAM	8	4	19.60	19.78	19.70		
3	64QAM	8	7	19.51	19.60	19.58		
3	64QAM	15	0	19.50	19.59	19.60		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.60	22.60	22.61	24	0
1.4	QPSK	1	3	22.71	22.72	22.74		
1.4	QPSK	1	5	22.57	22.57	22.60		
1.4	QPSK	3	0	22.67	22.68	22.71		
1.4	QPSK	3	1	22.74	22.77	22.76		
1.4	QPSK	3	3	22.69	22.67	22.72		
1.4	QPSK	6	0	21.67	21.72	21.70	23	1
1.4	16QAM	1	0	21.80	21.89	21.76	23	1
1.4	16QAM	1	3	21.93	21.98	21.95		
1.4	16QAM	1	5	21.78	21.81	21.79		
1.4	16QAM	3	0	21.62	21.63	21.65		
1.4	16QAM	3	1	21.68	21.68	21.65		
1.4	16QAM	3	3	21.62	21.63	21.65		
1.4	16QAM	6	0	20.75	20.74	20.78	22	2
1.4	64QAM	1	0	20.63	20.72	20.71	22	2
1.4	64QAM	1	3	20.83	20.91	20.90		
1.4	64QAM	1	5	20.72	20.74	20.79		
1.4	64QAM	3	0	20.74	20.74	20.77		
1.4	64QAM	3	1	20.79	20.81	20.78		
1.4	64QAM	3	3	20.74	20.79	20.73		
1.4	64QAM	6	0	19.71	19.74	19.70	21	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.76	22.84	22.73	24	0
20	QPSK	1	49	23.04	23.22	23.07		
20	QPSK	1	99	22.62	22.80	22.59		
20	QPSK	50	0	22.04	22.25	22.07	23	1
20	QPSK	50	24	22.01	22.22	22.03		
20	QPSK	50	50	22.01	22.15	21.92		
20	QPSK	100	0	21.98	22.17	21.96		
20	16QAM	1	0	22.06	22.15	21.98	23	1
20	16QAM	1	49	22.33	22.39	22.27		
20	16QAM	1	99	21.88	22.05	21.85		
20	16QAM	50	0	20.99	21.19	21.05	22	2
20	16QAM	50	24	21.01	21.20	21.02		
20	16QAM	50	50	21.02	21.16	20.88		
20	16QAM	100	0	20.99	21.18	20.93		
20	64QAM	1	0	20.84	20.95	20.96	22	2
20	64QAM	1	49	21.14	21.38	21.27		
20	64QAM	1	99	20.71	20.84	20.81		
20	64QAM	50	0	20.00	20.21	20.07	21	3
20	64QAM	50	24	20.05	20.21	20.04		
20	64QAM	50	50	20.00	20.10	19.91		
20	64QAM	100	0	19.97	20.17	19.96		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.67	22.68	22.64	24	0
15	QPSK	1	37	22.86	23.17	22.93		
15	QPSK	1	74	22.56	22.69	22.53		
15	QPSK	36	0	21.89	22.10	22.03	23	1
15	QPSK	36	20	21.97	22.21	22.01		
15	QPSK	36	39	22.00	22.04	21.83		
15	QPSK	75	0	21.85	22.12	21.78		
15	16QAM	1	0	21.91	22.12	21.79	23	1
15	16QAM	1	37	22.34	22.22	22.12		
15	16QAM	1	74	21.85	21.98	21.78		
15	16QAM	36	0	20.88	21.02	21.05	22	2
15	16QAM	36	20	20.89	21.16	20.86		
15	16QAM	36	39	20.91	21.10	20.72		
15	16QAM	75	0	20.83	21.06	20.79		
15	64QAM	1	0	20.66	20.89	20.90	22	2
15	64QAM	1	37	20.96	21.29	21.28		
15	64QAM	1	74	20.53	20.81	20.74		
15	64QAM	36	0	19.98	20.11	19.98	21	3
15	64QAM	36	20	19.99	20.18	19.88		
15	64QAM	36	39	19.87	20.03	19.88		
15	64QAM	75	0	19.92	20.02	19.95		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.62	22.79	22.67	24	0
10	QPSK	1	25	22.86	23.07	23.07		
10	QPSK	1	49	22.43	22.64	22.52		
10	QPSK	25	0	22.05	22.22	22.03	23	1
10	QPSK	25	12	21.91	22.19	21.92		
10	QPSK	25	25	21.90	22.13	21.77		
10	QPSK	50	0	21.88	22.16	21.84		
10	16QAM	1	0	22.02	22.07	21.90	23	1
10	16QAM	1	25	22.17	22.40	22.20		
10	16QAM	1	49	21.71	21.86	21.76		
10	16QAM	25	0	20.80	21.05	21.00	22	2
10	16QAM	25	12	20.89	21.09	20.97		
10	16QAM	25	25	20.95	21.06	20.81		
10	16QAM	50	0	20.84	21.01	20.85		
10	64QAM	1	0	20.84	20.77	20.85	22	2
10	64QAM	1	25	20.99	21.25	21.12		
10	64QAM	1	49	20.59	20.76	20.68		
10	64QAM	25	0	19.98	20.18	20.05	21	3
10	64QAM	25	12	19.90	20.05	20.03		
10	64QAM	25	25	19.94	19.93	19.89		
10	64QAM	50	0	19.80	20.00	19.92		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.71	22.74	22.66	24	0
5	QPSK	1	12	22.91	23.15	22.93		
5	QPSK	1	24	22.54	22.79	22.50		
5	QPSK	12	0	22.03	22.25	22.07	23	1
5	QPSK	12	7	21.85	22.15	21.86		
5	QPSK	12	13	22.02	22.10	21.77		
5	QPSK	25	0	21.99	22.14	21.95		
5	16QAM	1	0	22.05	22.15	21.89	23	1
5	16QAM	1	12	22.14	22.39	22.25		
5	16QAM	1	24	21.78	22.04	21.78		
5	16QAM	12	0	20.91	21.07	20.87	22	2
5	16QAM	12	7	20.93	21.20	20.92		
5	16QAM	12	13	20.88	21.13	20.83		
5	16QAM	25	0	20.84	21.12	20.86		
5	64QAM	1	0	20.81	20.86	20.86	22	2
5	64QAM	1	12	20.99	21.30	21.10		
5	64QAM	1	24	20.69	20.84	20.79		
5	64QAM	12	0	19.96	20.07	20.04	21	3
5	64QAM	12	7	20.00	20.22	19.96		
5	64QAM	12	13	19.84	19.96	19.84		
5	64QAM	25	0	19.92	20.08	19.94		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.58	22.75	22.60	24	0
3	QPSK	1	8	22.91	23.20	23.00		
3	QPSK	1	14	22.43	22.79	22.45		
3	QPSK	8	0	21.95	22.11	22.04	23	1
3	QPSK	8	4	22.02	22.20	22.01		
3	QPSK	8	7	21.96	22.04	21.81		
3	QPSK	15	0	21.81	21.98	21.78		
3	16QAM	1	0	21.96	22.04	21.87	23	1
3	16QAM	1	8	22.23	22.23	22.11		
3	16QAM	1	14	21.83	21.88	21.85		
3	16QAM	8	0	20.96	21.06	21.04	22	2
3	16QAM	8	4	20.83	21.08	21.01		
3	16QAM	8	7	21.01	21.02	20.78		
3	16QAM	15	0	20.93	20.99	20.85		
3	64QAM	1	0	20.77	20.82	20.93	22	2
3	64QAM	1	8	21.13	21.37	21.26		
3	64QAM	1	14	20.58	20.70	20.75		
3	64QAM	8	0	19.83	20.12	20.03	21	3
3	64QAM	8	4	19.91	20.02	19.99		
3	64QAM	8	7	19.99	19.96	19.72		
3	64QAM	15	0	19.91	20.17	19.87		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.97	22.91	23.13	24	0
1.4	QPSK	1	3	23.13	23.09	23.11		
1.4	QPSK	1	5	22.98	22.91	23.17		
1.4	QPSK	3	0	23.09	23.02	23.13		
1.4	QPSK	3	1	23.15	23.08	23.12		
1.4	QPSK	3	3	23.08	23.02	23.18		
1.4	QPSK	6	0	22.05	22.02	22.26	23	1
1.4	16QAM	1	0	22.25	22.11	22.32	23	1
1.4	16QAM	1	3	22.37	22.25	22.38		
1.4	16QAM	1	5	22.17	22.16	22.40		
1.4	16QAM	3	0	22.09	21.95	22.22		
1.4	16QAM	3	1	22.10	22.05	22.30		
1.4	16QAM	3	3	22.06	21.96	22.24		
1.4	16QAM	6	0	21.16	21.10	21.29	22	2
1.4	64QAM	1	0	21.19	21.06	21.26	22	2
1.4	64QAM	1	3	21.26	21.29	21.35		
1.4	64QAM	1	5	21.14	21.05	21.31		
1.4	64QAM	3	0	21.21	21.11	21.36		
1.4	64QAM	3	1	21.23	21.16	21.31		
1.4	64QAM	3	3	21.16	21.10	21.32		
1.4	64QAM	6	0	20.11	20.01	20.27	21	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.16	22.20	22.11	24	0
20	QPSK	1	49	22.42	22.64	22.41		
20	QPSK	1	99	22.00	22.13	22.23		
20	QPSK	50	0	21.45	21.64	21.44	23	1
20	QPSK	50	24	21.44	21.58	21.41		
20	QPSK	50	50	21.38	21.48	21.30		
20	QPSK	100	0	21.38	21.53	21.34		
20	16QAM	1	0	21.42	21.50	21.31	23	1
20	16QAM	1	49	21.74	21.87	21.67		
20	16QAM	1	99	21.23	21.43	21.25		
20	16QAM	50	0	20.43	20.60	20.39	22	2
20	16QAM	50	24	20.40	20.55	20.37		
20	16QAM	50	50	20.32	20.47	20.26		
20	16QAM	100	0	20.35	20.52	20.29		
20	64QAM	1	0	20.33	20.36	20.23	22	2
20	64QAM	1	49	20.68	20.74	20.51		
20	64QAM	1	99	20.12	20.33	20.16		
20	64QAM	50	0	19.45	19.65	19.40	21	3
20	64QAM	50	24	19.43	19.57	19.42		
20	64QAM	50	50	19.37	19.48	19.28		
20	64QAM	100	0	19.38	19.53	19.32		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.16	22.20	22.03	24	0
15	QPSK	1	37	22.28	22.62	22.27		
15	QPSK	1	74	22.16	22.11	22.15		
15	QPSK	36	0	21.29	21.51	21.45	23	1
15	QPSK	36	20	21.43	21.56	21.22		
15	QPSK	36	39	21.28	21.32	21.26		
15	QPSK	75	0	21.38	21.53	21.32		
15	16QAM	1	0	21.25	21.31	21.28	23	1
15	16QAM	1	37	21.57	21.84	21.54		
15	16QAM	1	74	21.20	21.30	21.17		
15	16QAM	36	0	20.35	20.54	20.32	22	2
15	16QAM	36	20	20.22	20.44	20.26		
15	16QAM	36	39	20.22	20.43	20.22		
15	16QAM	75	0	20.34	20.50	20.14		
15	64QAM	1	0	20.32	20.29	20.19	22	2
15	64QAM	1	37	20.49	20.61	20.50		
15	64QAM	1	74	20.13	20.17	20.16		
15	64QAM	36	0	19.35	19.50	19.25	21	3
15	64QAM	36	20	19.25	19.45	19.29		
15	64QAM	36	39	19.25	19.35	19.10		
15	64QAM	75	0	19.20	19.34	19.32		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.17	22.08	22.08	24	0
10	QPSK	1	25	22.37	22.46	22.23		
10	QPSK	1	49	22.00	22.08	22.15		
10	QPSK	25	0	21.37	21.62	21.39	23	1
10	QPSK	25	12	21.33	21.46	21.32		
10	QPSK	25	25	21.25	21.39	21.27		
10	QPSK	50	0	21.20	21.35	21.24		
10	16QAM	1	0	21.41	21.48	21.26	23	1
10	16QAM	1	25	21.74	21.78	21.59		
10	16QAM	1	49	21.04	21.37	21.23		
10	16QAM	25	0	20.35	20.58	20.37	22	2
10	16QAM	25	12	20.36	20.48	20.21		
10	16QAM	25	25	20.23	20.38	20.25		
10	16QAM	50	0	20.30	20.35	20.27		
10	64QAM	1	0	20.18	20.24	20.21	22	2
10	64QAM	1	25	20.66	20.56	20.52		
10	64QAM	1	49	20.21	20.26	20.07		
10	64QAM	25	0	19.44	19.61	19.21	21	3
10	64QAM	25	12	19.26	19.52	19.27		
10	64QAM	25	25	19.37	19.38	19.24		
10	64QAM	50	0	19.21	19.35	19.21		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.15	22.17	22.15	24	0
5	QPSK	1	12	22.24	22.50	22.32		
5	QPSK	1	24	22.04	22.11	22.05		
5	QPSK	12	0	21.35	21.50	21.28	23	1
5	QPSK	12	7	21.37	21.48	21.22		
5	QPSK	12	13	21.39	21.36	21.21		
5	QPSK	25	0	21.25	21.43	21.30		
5	16QAM	1	0	21.37	21.50	21.27	23	1
5	16QAM	1	12	21.56	21.70	21.65		
5	16QAM	1	24	21.08	21.37	21.07		
5	16QAM	12	0	20.43	20.46	20.31	22	2
5	16QAM	12	7	20.27	20.37	20.28		
5	16QAM	12	13	20.21	20.45	20.07		
5	16QAM	25	0	20.30	20.49	20.19		
5	64QAM	1	0	20.22	20.25	20.15	22	2
5	64QAM	1	12	20.61	20.56	20.40		
5	64QAM	1	24	20.16	20.18	20.14		
5	64QAM	12	0	19.42	19.52	19.24	21	3
5	64QAM	12	7	19.24	19.39	19.42		
5	64QAM	12	13	19.26	19.31	19.10		
5	64QAM	25	0	19.22	19.52	19.13		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.04	22.06	22.08	24	0
3	QPSK	1	8	22.28	22.62	22.31		
3	QPSK	1	14	22.06	22.04	22.04		
3	QPSK	8	0	21.45	21.56	21.44	23	1
3	QPSK	8	4	21.43	21.50	21.34		
3	QPSK	8	7	21.36	21.41	21.17		
3	QPSK	15	0	21.32	21.47	21.20		
3	16QAM	1	0	21.28	21.46	21.21	23	1
3	16QAM	1	8	21.67	21.68	21.59		
3	16QAM	1	14	21.24	21.38	21.15		
3	16QAM	8	0	20.32	20.58	20.26	22	2
3	16QAM	8	4	20.37	20.45	20.31		
3	16QAM	8	7	20.24	20.36	20.19		
3	16QAM	15	0	20.22	20.53	20.13		
3	64QAM	1	0	20.26	20.27	20.20	22	2
3	64QAM	1	8	20.61	20.63	20.37		
3	64QAM	1	14	20.02	20.23	20.17		
3	64QAM	8	0	19.44	19.56	19.31	21	3
3	64QAM	8	4	19.39	19.56	19.27		
3	64QAM	8	7	19.35	19.39	19.11		
3	64QAM	15	0	19.30	19.45	19.18		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.35	22.29	22.49	24	0
1.4	QPSK	1	3	22.53	22.44	22.63		
1.4	QPSK	1	5	22.38	22.26	22.52		
1.4	QPSK	3	0	22.48	22.38	22.56		
1.4	QPSK	3	1	22.54	22.42	22.59		
1.4	QPSK	3	3	22.50	22.39	22.63		
1.4	QPSK	6	0	21.48	21.38	21.58	23	1
1.4	16QAM	1	0	21.56	21.51	21.78	23	1
1.4	16QAM	1	3	21.76	21.65	21.87		
1.4	16QAM	1	5	21.62	21.61	21.79		
1.4	16QAM	3	0	21.46	21.34	21.52		
1.4	16QAM	3	1	21.49	21.46	21.55		
1.4	16QAM	3	3	21.45	21.40	21.65		
1.4	16QAM	6	0	20.57	20.47	20.64	22	2
1.4	64QAM	1	0	20.52	20.46	20.61	22	2
1.4	64QAM	1	3	20.66	20.57	20.83		
1.4	64QAM	1	5	20.47	20.36	20.64		
1.4	64QAM	3	0	20.54	20.49	20.66		
1.4	64QAM	3	1	20.59	20.53	20.76		
1.4	64QAM	3	3	20.60	20.47	20.66		
1.4	64QAM	6	0	19.49	19.42	19.59	21	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.05	23.04	23.02	24	0
20	QPSK	1	49	23.44	23.46	23.41		
20	QPSK	1	99	23.12	23.14	23.14		
20	QPSK	50	0	22.50	22.53	22.51	23	1
20	QPSK	50	24	22.48	22.49	22.41		
20	QPSK	50	50	22.48	22.47	22.49		
20	QPSK	100	0	22.49	22.51	22.48		
20	16QAM	1	0	22.29	22.29	22.28	23	1
20	16QAM	1	49	22.59	22.56	22.50		
20	16QAM	1	99	22.41	22.38	22.38		
20	16QAM	50	0	21.56	21.52	21.55	22	2
20	16QAM	50	24	21.55	21.56	21.59		
20	16QAM	50	50	21.59	21.52	21.59		
20	16QAM	100	0	21.55	21.57	21.57		
20	64QAM	1	0	21.22	21.21	21.19	22	2
20	64QAM	1	49	21.51	21.59	21.53		
20	64QAM	1	99	21.27	21.26	21.29		
20	64QAM	50	0	20.51	20.50	20.51	21	3
20	64QAM	50	24	20.57	20.46	20.51		
20	64QAM	50	50	20.55	20.58	20.57		
20	64QAM	100	0	20.58	20.56	20.55		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.94	22.92	22.94	24	0
15	QPSK	1	37	23.29	23.44	23.26		
15	QPSK	1	74	22.99	23.15	22.97		
15	QPSK	36	0	22.42	22.35	22.34	23	1
15	QPSK	36	20	22.49	22.36	22.25		
15	QPSK	36	39	22.39	22.28	22.44		
15	QPSK	75	0	22.49	22.38	22.34		
15	16QAM	1	0	22.17	22.15	22.27	23	1
15	16QAM	1	37	22.56	22.53	22.42		
15	16QAM	1	74	22.37	22.38	22.38		
15	16QAM	36	0	21.51	21.40	21.55	22	2
15	16QAM	36	20	21.36	21.47	21.49		
15	16QAM	36	39	21.48	21.34	21.56		
15	16QAM	75	0	21.53	21.58	21.51		
15	64QAM	1	0	21.08	21.09	21.05	22	2
15	64QAM	1	37	21.44	21.52	21.45		
15	64QAM	1	74	21.24	21.25	21.24		
15	64QAM	36	0	20.42	20.39	20.46	21	3
15	64QAM	36	20	20.46	20.30	20.41		
15	64QAM	36	39	20.45	20.48	20.45		
15	64QAM	75	0	20.44	20.48	20.49		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.06	22.95	22.94	24	0
10	QPSK	1	25	23.33	23.45	23.30		
10	QPSK	1	49	23.05	23.06	23.15		
10	QPSK	25	0	22.48	22.44	22.46	23	1
10	QPSK	25	12	22.36	22.42	22.40		
10	QPSK	25	25	22.30	22.31	22.38		
10	QPSK	50	0	22.39	22.34	22.48		
10	16QAM	1	0	22.11	22.22	22.11	23	1
10	16QAM	1	25	22.52	22.38	22.46		
10	16QAM	1	49	22.28	22.29	22.20		
10	16QAM	25	0	21.51	21.50	21.37	22	2
10	16QAM	25	12	21.43	21.54	21.57		
10	16QAM	25	25	21.51	21.39	21.56		
10	16QAM	50	0	21.52	21.44	21.54		
10	64QAM	1	0	21.22	21.15	21.14	22	2
10	64QAM	1	25	21.44	21.58	21.45		
10	64QAM	1	49	21.18	21.13	21.23		
10	64QAM	25	0	20.33	20.50	20.51	21	3
10	64QAM	25	12	20.48	20.34	20.42		
10	64QAM	25	25	20.41	20.52	20.50		
10	64QAM	50	0	20.53	20.57	20.50		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.86	23.04	23.03	24	0
5	QPSK	1	12	23.36	23.34	23.39		
5	QPSK	1	24	23.06	23.03	22.95		
5	QPSK	12	0	22.49	22.35	22.44	23	1
5	QPSK	12	7	22.35	22.46	22.26		
5	QPSK	12	13	22.31	22.35	22.48		
5	QPSK	25	0	22.50	22.40	22.34		
5	16QAM	1	0	22.25	22.30	22.28	23	1
5	16QAM	1	12	22.58	22.40	22.51		
5	16QAM	1	24	22.27	22.39	22.22		
5	16QAM	12	0	21.55	21.35	21.43	22	2
5	16QAM	12	7	21.48	21.57	21.47		
5	16QAM	12	13	21.42	21.36	21.46		
5	16QAM	25	0	21.40	21.52	21.56		
5	64QAM	1	0	21.22	21.04	21.09	22	2
5	64QAM	1	12	21.39	21.57	21.36		
5	64QAM	1	24	21.27	21.18	21.20		
5	64QAM	12	0	20.34	20.36	20.36	21	3
5	64QAM	12	7	20.39	20.47	20.48		
5	64QAM	12	13	20.38	20.57	20.55		
5	64QAM	25	0	20.55	20.50	20.51		

Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.53	22.62	22.45	24	0
20	QPSK	1	49	22.89	22.99	22.85		
20	QPSK	1	99	22.50	22.60	22.49		
20	QPSK	50	0	21.95	22.05	21.91	23	1
20	QPSK	50	24	21.94	22.04	21.87		
20	QPSK	50	50	21.94	22.00	21.90		
20	QPSK	100	0	21.98	22.02	21.90		
20	16QAM	1	0	21.80	21.87	21.69	23	1
20	16QAM	1	49	22.11	22.21	22.08		
20	16QAM	1	99	21.78	21.85	21.73		
20	16QAM	50	0	21.01	21.12	20.92	22	2
20	16QAM	50	24	21.03	21.12	20.97		
20	16QAM	50	50	21.04	21.05	20.96		
20	16QAM	100	0	21.00	21.09	20.96		
20	64QAM	1	0	20.71	20.80	20.63	22	2
20	64QAM	1	49	21.07	21.15	21.03		
20	64QAM	1	99	20.69	20.79	20.63		
20	64QAM	50	0	19.99	20.09	19.90	21	3
20	64QAM	50	24	19.97	20.08	19.88		
20	64QAM	50	50	20.00	20.01	19.96		
20	64QAM	100	0	20.01	20.07	19.94		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.43	22.61	22.34	24	0
15	QPSK	1	37	22.83	22.97	22.72		
15	QPSK	1	74	22.45	22.54	22.35		
15	QPSK	36	0	21.90	22.05	21.73	23	1
15	QPSK	36	20	21.89	21.91	21.69		
15	QPSK	36	39	21.86	21.95	21.83		
15	QPSK	75	0	21.97	21.87	21.83		
15	16QAM	1	0	21.63	21.78	21.59	23	1
15	16QAM	1	37	21.96	22.15	21.91		
15	16QAM	1	74	21.68	21.69	21.61		
15	16QAM	36	0	20.92	21.02	20.79	22	2
15	16QAM	36	20	20.98	20.95	20.83		
15	16QAM	36	39	21.00	20.87	20.81		
15	16QAM	75	0	20.91	20.94	20.95		
15	64QAM	1	0	20.70	20.77	20.47	22	2
15	64QAM	1	37	20.90	21.14	20.93		
15	64QAM	1	74	20.55	20.62	20.46		
15	64QAM	36	0	19.91	20.08	19.87	21	3
15	64QAM	36	20	19.86	19.99	19.69		
15	64QAM	36	39	19.98	20.00	19.97		
15	64QAM	75	0	20.00	20.06	19.76		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.37	22.46	22.42	24	0
10	QPSK	1	25	22.77	22.86	22.70		
10	QPSK	1	49	22.36	22.59	22.44		
10	QPSK	25	0	21.84	21.96	21.78	23	1
10	QPSK	25	12	21.77	22.03	21.74		
10	QPSK	25	25	21.83	21.82	21.91		
10	QPSK	50	0	21.87	21.90	21.91		
10	16QAM	1	0	21.63	21.80	21.52	23	1
10	16QAM	1	25	21.93	22.08	22.05		
10	16QAM	1	49	21.77	21.79	21.59		
10	16QAM	25	0	20.98	21.10	20.89	22	2
10	16QAM	25	12	20.91	20.99	20.86		
10	16QAM	25	25	20.87	21.01	20.79		
10	16QAM	50	0	20.91	21.09	20.91		
10	64QAM	1	0	20.66	20.78	20.47	22	2
10	64QAM	1	25	21.06	21.14	20.94		
10	64QAM	1	49	20.59	20.64	20.48		
10	64QAM	25	0	19.88	20.02	19.82	21	3
10	64QAM	25	12	19.79	19.97	19.81		
10	64QAM	25	25	19.99	19.89	19.86		
10	64QAM	50	0	19.86	20.03	19.77		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.44	22.61	22.31	24	0
5	QPSK	1	12	22.89	22.86	22.68		
5	QPSK	1	24	22.38	22.54	22.33		
5	QPSK	12	0	21.83	21.91	21.89	23	1
5	QPSK	12	7	21.95	21.94	21.76		
5	QPSK	12	13	21.92	21.99	21.85		
5	QPSK	25	0	21.79	21.86	21.80		
5	16QAM	1	0	21.74	21.71	21.55	23	1
5	16QAM	1	12	22.03	22.07	22.00		
5	16QAM	1	24	21.75	21.75	21.66		
5	16QAM	12	0	20.98	21.11	20.74	22	2
5	16QAM	12	7	20.89	20.93	20.81		
5	16QAM	12	13	20.86	20.87	20.80		
5	16QAM	25	0	20.97	20.95	20.84		
5	64QAM	1	0	20.58	20.70	20.64	22	2
5	64QAM	1	12	20.96	21.01	20.97		
5	64QAM	1	24	20.51	20.62	20.63		
5	64QAM	12	0	19.93	20.04	19.80	21	3
5	64QAM	12	7	19.89	19.89	19.80		
5	64QAM	12	13	19.99	19.94	19.78		
5	64QAM	25	0	19.95	20.05	19.93		

Reduced Power Mode for ECI2

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.07	32.16	32.14	**33.50**	23.07	23.16	23.14	24.50
GPRS 1 Tx slot	32.05	32.14	32.12	**33.50**	23.05	23.14	23.12	24.50
GPRS 2 Tx slots	29.98	30.14	30.03	**31.50**	23.98	24.14	24.03	25.50
GPRS 3 Tx slots	28.00	28.08	28.02	**29.50**	23.74	23.82	23.76	25.24
GPRS 4 Tx slots	26.03	26.16	26.05	**27.50**	23.03	23.16	23.05	24.50
EDGE 1 Tx slot	26.36	26.33	26.26	**27.50**	17.36	17.33	17.26	18.50
EDGE 2 Tx slots	24.21	24.33	24.09	**25.50**	18.21	18.33	18.09	19.50
EDGE 3 Tx slots	22.25	22.31	22.18	**23.50**	17.99	18.05	17.92	19.24
EDGE 4 Tx slots	20.09	20.01	19.97	**21.00**	17.09	17.01	16.97	18.00

GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.22	29.50	29.34	**30.50**	20.22	20.50	20.34	21.50
GPRS 1 Tx slot	29.06	29.35	29.23	**30.50**	20.06	20.35	20.23	21.50
GPRS 2 Tx slots	26.92	27.25	27.10	**28.50**	20.92	21.25	21.10	22.50
GPRS 3 Tx slots	24.78	25.22	24.98	**26.50**	20.52	20.96	20.72	22.24
GPRS 4 Tx slots	22.70	23.28	22.96	**24.50**	19.70	20.28	19.96	21.50
EDGE 1 Tx slot	25.60	25.67	25.65	**26.50**	16.60	16.67	16.65	17.50
EDGE 2 Tx slots	23.65	23.78	23.50	**24.50**	17.65	17.78	17.50	18.50
EDGE 3 Tx slots	21.53	21.58	21.75	**22.50**	17.27	17.32	17.49	18.24
EDGE 4 Tx slots	18.97	19.21	19.16	**20.50**	15.97	16.21	16.16	17.50

Band		WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA IV_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.24	23.27	23.20	**24.00**	23.01	23.12	23.11	**24.00**	23.09	23.12	23.01	**24.00**
3GPP Rel 99	RMC 12.2Kbps	23.18	23.33	23.21	**24.00**	23.02	23.16	23.13	**24.00**	23.10	23.13	23.07	**24.00**
3GPP Rel 6	HSDPA Subtest-1	22.22	22.17	22.24	**23.00**	22.11	22.18	22.07	**23.00**	22.17	22.12	22.14	**23.00**
3GPP Rel 6	HSDPA Subtest-2	22.13	22.16	22.18	**23.00**	22.05	22.11	22.02	**23.00**	22.18	22.06	22.01	**23.00**
3GPP Rel 6	HSDPA Subtest-3	21.60	21.63	21.68	**22.50**	21.57	21.60	21.54	**22.50**	21.68	21.53	21.54	**22.50**
3GPP Rel 6	HSDPA Subtest-4	21.56	21.60	21.64	**22.50**	21.52	21.58	21.55	**22.50**	21.70	21.50	21.46	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-1	22.06	22.07	22.16	**23.00**	22.11	22.06	22.02	**23.00**	21.68	21.72	21.76	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-2	22.25	22.12	22.18	**23.00**	22.15	22.15	22.07	**23.00**	21.74	21.86	21.84	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-3	21.73	21.82	21.72	**22.50**	21.70	21.58	21.64	**22.50**	21.22	21.34	21.25	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-4	21.63	21.73	21.72	**22.50**	21.56	21.42	21.52	**22.50**	21.22	21.06	21.13	**22.50**
3GPP Rel 6	HSUPA Subtest-1	20.17	20.21	20.21	**21.50**	20.03	20.16	20.04	**21.50**	20.24	20.27	20.20	**21.50**
3GPP Rel 6	HSUPA Subtest-2	20.23	20.23	20.22	**21.50**	20.07	20.07	20.06	**21.50**	20.03	20.04	20.02	**21.50**
3GPP Rel 6	HSUPA Subtest-3	21.16	21.22	21.21	**22.50**	21.02	21.19	21.01	**22.50**	21.13	21.16	21.10	**22.50**
3GPP Rel 6	HSUPA Subtest-4	19.69	19.66	19.71	**21.00**	19.57	19.60	19.52	**21.00**	19.61	19.60	19.61	**21.00**
3GPP Rel 6	HSUPA Subtest-5	21.10	21.20	21.20	**22.50**	21.00	21.10	21.00	**22.50**	21.00	21.00	21.00	**22.50**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.93	19.81	19.83	**21.00**	19.71	19.59	19.53	**21.00**	19.94	20.05	19.71	**21.00**

Band 2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.74	22.74	22.74	24	0
20	QPSK	1	49	23.04	23.10	23.06		
20	QPSK	1	99	22.61	22.66	22.62		
20	QPSK	50	0	21.97	22.09	22.05	23	1
20	QPSK	50	24	21.95	22.06	22.02		
20	QPSK	50	50	21.85	22.01	22.00		
20	QPSK	100	0	21.86	22.06	21.97		
20	16QAM	1	0	22.02	22.06	22.01	23	1
20	16QAM	1	49	22.32	22.38	22.31		
20	16QAM	1	99	21.89	21.92	21.90		
20	16QAM	50	0	20.93	21.06	21.08	22	2
20	16QAM	50	24	20.96	20.99	21.04		
20	16QAM	50	50	20.83	21.00	20.98		
20	16QAM	100	0	20.86	20.99	21.02		
20	64QAM	1	0	20.96	20.88	20.88	22	2
20	64QAM	1	49	21.20	21.20	21.21		
20	64QAM	1	99	20.70	20.69	20.77		
20	64QAM	50	0	20.00	20.09	20.10	21	3
20	64QAM	50	24	20.00	20.02	20.04		
20	64QAM	50	50	19.90	19.97	19.91		
20	64QAM	100	0	19.91	20.01	20.05		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.63	22.71	22.74	24	0
15	QPSK	1	37	22.96	22.95	22.95		
15	QPSK	1	74	22.50	22.59	22.58		
15	QPSK	36	0	21.82	22.04	21.88	23	1
15	QPSK	36	20	21.91	22.01	21.91		
15	QPSK	36	39	21.81	21.89	21.96		
15	QPSK	75	0	21.70	21.98	21.93		
15	16QAM	1	0	21.94	21.90	22.02	23	1
15	16QAM	1	37	22.25	22.24	22.20		
15	16QAM	1	74	21.86	21.88	21.82		
15	16QAM	36	0	20.80	20.98	20.89	22	2
15	16QAM	36	20	20.81	20.85	21.03		
15	16QAM	36	39	20.65	20.85	20.84		
15	16QAM	75	0	20.71	20.97	20.93		
15	64QAM	1	0	20.91	20.72	20.80	22	2
15	64QAM	1	37	21.07	21.15	21.10		
15	64QAM	1	74	20.53	20.55	20.67		
15	64QAM	36	0	19.90	20.09	20.05	21	3
15	64QAM	36	20	19.82	19.83	19.91		
15	64QAM	36	39	19.91	19.94	19.80		
15	64QAM	75	0	19.82	20.02	20.05		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.71	22.65	22.63	24	0
10	QPSK	1	25	22.93	23.08	22.90		
10	QPSK	1	49	22.62	22.59	22.58		
10	QPSK	25	0	21.98	22.06	22.00	23	1
10	QPSK	25	12	21.90	21.92	22.03		
10	QPSK	25	25	21.67	21.98	21.96		
10	QPSK	50	0	21.77	22.04	21.97		
10	16QAM	1	0	21.95	21.88	21.88	23	1
10	16QAM	1	25	22.30	22.20	22.19		
10	16QAM	1	49	21.83	21.85	21.83		
10	16QAM	25	0	20.77	21.03	21.07	22	2
10	16QAM	25	12	20.93	20.90	21.02		
10	16QAM	25	25	20.66	20.92	20.82		
10	16QAM	50	0	20.85	20.83	20.86		
10	64QAM	1	0	20.94	20.83	20.86	22	2
10	64QAM	1	25	21.05	21.18	21.12		
10	64QAM	1	49	20.54	20.67	20.69		
10	64QAM	25	0	20.00	19.95	19.93	21	3
10	64QAM	25	12	19.86	19.99	19.88		
10	64QAM	25	25	19.91	19.94	19.74		
10	64QAM	50	0	19.91	19.93	19.88		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.73	22.67	22.69	24	0
5	QPSK	1	12	23.03	22.91	22.97		
5	QPSK	1	24	22.59	22.52	22.47		
5	QPSK	12	0	21.81	21.99	22.06	23	1
5	QPSK	12	7	21.76	22.00	21.90		
5	QPSK	12	13	21.72	21.93	22.00		
5	QPSK	25	0	21.69	22.03	21.82		
5	16QAM	1	0	21.98	21.90	21.95	23	1
5	16QAM	1	12	22.33	22.28	22.21		
5	16QAM	1	24	21.73	21.92	21.79		
5	16QAM	12	0	20.93	20.93	20.96	22	2
5	16QAM	12	7	20.78	20.90	20.92		
5	16QAM	12	13	20.67	20.94	20.88		
5	16QAM	25	0	20.72	20.87	21.01		
5	64QAM	1	0	20.86	20.78	20.88	22	2
5	64QAM	1	12	21.17	21.01	21.13		
5	64QAM	1	24	20.61	20.68	20.59		
5	64QAM	12	0	19.97	19.96	20.08	21	3
5	64QAM	12	7	19.85	19.93	20.01		
5	64QAM	12	13	19.87	19.89	19.90		
5	64QAM	25	0	19.75	19.91	20.03		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.75	22.56	22.75	24	0
3	QPSK	1	8	22.86	22.97	22.92		
3	QPSK	1	14	22.56	22.54	22.49		
3	QPSK	8	0	21.96	22.10	21.88	23	1
3	QPSK	8	4	21.84	21.98	21.83		
3	QPSK	8	7	21.79	21.97	21.91		
3	QPSK	15	0	21.70	21.89	21.83		
3	16QAM	1	0	21.94	22.04	21.87	23	1
3	16QAM	1	8	22.22	22.23	22.13		
3	16QAM	1	14	21.72	21.90	21.82		
3	16QAM	8	0	20.76	20.98	21.05	22	2
3	16QAM	8	4	20.94	20.82	20.94		
3	16QAM	8	7	20.70	21.01	20.85		
3	16QAM	15	0	20.72	21.00	20.92		
3	64QAM	1	0	20.91	20.73	20.74	22	2
3	64QAM	1	8	21.15	21.21	21.12		
3	64QAM	1	14	20.58	20.51	20.76		
3	64QAM	8	0	19.91	19.95	19.94	21	3
3	64QAM	8	4	19.84	20.02	20.03		
3	64QAM	8	7	19.74	19.78	19.81		
3	64QAM	15	0	19.75	19.82	19.98		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.88	22.86	22.91	24	0
1.4	QPSK	1	3	23.04	23.02	23.01		
1.4	QPSK	1	5	22.89	22.89	22.89		
1.4	QPSK	3	0	22.96	23.01	22.98		
1.4	QPSK	3	1	23.01	23.03	23.06		
1.4	QPSK	3	3	22.98	22.99	23.00		
1.4	QPSK	6	0	21.94	21.98	22.02	23	1
1.4	16QAM	1	0	22.13	22.13	22.09	23	1
1.4	16QAM	1	3	22.23	22.29	22.26		
1.4	16QAM	1	5	22.14	22.18	22.15		
1.4	16QAM	3	0	21.99	21.98	21.96		
1.4	16QAM	3	1	22.02	22.03	21.96		
1.4	16QAM	3	3	22.00	21.99	21.97		
1.4	16QAM	6	0	20.98	21.08	21.12	22	2
1.4	64QAM	1	0	21.04	21.11	21.06	22	2
1.4	64QAM	1	3	21.07	21.18	21.16		
1.4	64QAM	1	5	20.98	21.08	20.98		
1.4	64QAM	3	0	21.06	21.11	21.07		
1.4	64QAM	3	1	21.13	21.09	21.16		
1.4	64QAM	3	3	21.01	21.01	21.10		
1.4	64QAM	6	0	20.03	19.98	20.00	21	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	14.64	14.66	14.59	16.5	0
20	QPSK	1	49	14.91	15.05	14.91		
20	QPSK	1	99	14.51	14.66	14.51		
20	QPSK	50	0	13.95	13.98	13.97	15.5	1
20	QPSK	50	24	13.89	13.95	13.85		
20	QPSK	50	50	13.94	13.95	13.83		
20	QPSK	100	0	14.00	14.02	13.98		
20	16QAM	1	0	13.87	13.93	13.79	15.5	1
20	16QAM	1	49	14.10	14.25	14.14		
20	16QAM	1	99	13.72	13.78	13.67		
20	16QAM	50	0	12.96	13.02	13.01	14.5	2
20	16QAM	50	24	12.78	12.85	12.74		
20	16QAM	50	50	12.78	12.91	12.82		
20	16QAM	100	0	12.82	12.90	12.77		
20	64QAM	1	0	12.65	12.79	12.67	14.5	2
20	64QAM	1	49	13.08	13.16	13.06		
20	64QAM	1	99	12.60	12.69	12.65		
20	64QAM	50	0	11.91	12.00	11.94	13.5	3
20	64QAM	50	24	11.91	11.92	11.79		
20	64QAM	50	50	11.73	11.81	11.75		
20	64QAM	100	0	11.82	11.90	11.81		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	14.51	14.64	14.64	16.5	0
15	QPSK	1	37	15.01	14.97	15.04		
15	QPSK	1	74	14.65	14.52	14.65		
15	QPSK	36	0	13.93	13.92	13.87	15.5	1
15	QPSK	36	20	13.91	13.93	13.92		
15	QPSK	36	39	13.85	13.90	13.85		
15	QPSK	75	0	13.92	13.92	14.01		
15	16QAM	1	0	13.87	13.84	13.82	15.5	1
15	16QAM	1	37	14.15	14.19	14.12		
15	16QAM	1	74	13.73	13.65	13.69		
15	16QAM	36	0	12.94	12.97	12.91	14.5	2
15	16QAM	36	20	12.83	12.79	12.84		
15	16QAM	36	39	12.86	12.89	12.76		
15	16QAM	75	0	12.78	12.83	12.82		
15	64QAM	1	0	12.76	12.71	12.77	14.5	2
15	64QAM	1	37	13.13	13.13	13.14		
15	64QAM	1	74	12.56	12.56	12.54		
15	64QAM	36	0	11.91	11.89	11.98	13.5	3
15	64QAM	36	20	11.80	11.81	11.85		
15	64QAM	36	39	11.78	11.72	11.72		
15	64QAM	75	0	11.79	11.82	11.77		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	14.56	14.51	14.54	16.5	0
10	QPSK	1	25	14.90	14.96	14.91		
10	QPSK	1	49	14.62	14.51	14.52		
10	QPSK	25	0	13.97	13.95	13.92	15.5	1
10	QPSK	25	12	13.80	13.92	13.89		
10	QPSK	25	25	13.81	13.87	13.88		
10	QPSK	50	0	13.88	13.93	13.92		
10	16QAM	1	0	13.80	13.79	13.79	15.5	1
10	16QAM	1	25	14.18	14.20	14.24		
10	16QAM	1	49	13.64	13.63	13.71		
10	16QAM	25	0	12.96	12.95	13.00	14.5	2
10	16QAM	25	12	12.70	12.83	12.71		
10	16QAM	25	25	12.88	12.82	12.82		
10	16QAM	50	0	12.88	12.80	12.82		
10	64QAM	1	0	12.68	12.70	12.65	14.5	2
10	64QAM	1	25	13.02	13.05	13.15		
10	64QAM	1	49	12.62	12.63	12.65		
10	64QAM	25	0	11.90	11.87	11.86	13.5	3
10	64QAM	25	12	11.85	11.85	11.91		
10	64QAM	25	25	11.66	11.76	11.74		
10	64QAM	50	0	11.80	11.83	11.87		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	14.51	14.52	14.60	16.5	0
5	QPSK	1	12	15.03	14.94	15.04		
5	QPSK	1	24	14.51	14.51	14.56		
5	QPSK	12	0	13.88	13.87	13.86	15.5	1
5	QPSK	12	7	13.81	13.93	13.90		
5	QPSK	12	13	13.87	13.87	13.94		
5	QPSK	25	0	13.96	13.97	13.93		
5	16QAM	1	0	13.85	13.90	13.88	15.5	1
5	16QAM	1	12	14.19	14.16	14.24		
5	16QAM	1	24	13.67	13.70	13.63		
5	16QAM	12	0	12.94	12.95	12.99	14.5	2
5	16QAM	12	7	12.71	12.82	12.75		
5	16QAM	12	13	12.86	12.88	12.81		
5	16QAM	25	0	12.86	12.87	12.89		
5	64QAM	1	0	12.75	12.74	12.71	14.5	2
5	64QAM	1	12	13.02	13.03	13.10		
5	64QAM	1	24	12.55	12.59	12.59		
5	64QAM	12	0	11.91	11.96	11.97	13.5	3
5	64QAM	12	7	11.87	11.79	11.83		
5	64QAM	12	13	11.68	11.71	11.75		
5	64QAM	25	0	11.76	11.83	11.84		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	14.54	14.58	14.64	16.5	0
3	QPSK	1	8	14.96	14.99	14.99		
3	QPSK	1	14	14.63	14.64	14.51		
3	QPSK	8	0	13.83	13.94	13.88	15.5	1
3	QPSK	8	4	13.81	13.88	13.85		
3	QPSK	8	7	13.88	13.94	13.87		
3	QPSK	15	0	14.01	13.88	13.89		
3	16QAM	1	0	13.83	13.84	13.89	15.5	1
3	16QAM	1	8	14.11	14.11	14.23		
3	16QAM	1	14	13.74	13.66	13.70		
3	16QAM	8	0	12.99	12.87	12.89	14.5	2
3	16QAM	8	4	12.81	12.71	12.80		
3	16QAM	8	7	12.84	12.86	12.80		
3	16QAM	15	0	12.83	12.81	12.79		
3	64QAM	1	0	12.69	12.77	12.66	14.5	2
3	64QAM	1	8	13.04	13.15	13.03		
3	64QAM	1	14	12.55	12.63	12.62		
3	64QAM	8	0	11.89	11.89	11.91	13.5	3
3	64QAM	8	4	11.90	11.77	11.83		
3	64QAM	8	7	11.68	11.70	11.77		
3	64QAM	15	0	11.87	11.82	11.82		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	14.58	14.59	14.56	16.5	0
1.4	QPSK	1	3	15.01	14.93	15.02		
1.4	QPSK	1	5	14.65	14.57	14.62		
1.4	QPSK	3	0	14.88	14.87	14.97		
1.4	QPSK	3	1	14.84	14.80	14.88		
1.4	QPSK	3	3	14.94	14.91	14.88		
1.4	QPSK	6	0	13.96	13.91	13.96	15.5	1
1.4	16QAM	1	0	13.88	13.82	13.79	15.5	1
1.4	16QAM	1	3	14.18	14.11	14.12		
1.4	16QAM	1	5	13.69	13.75	13.67		
1.4	16QAM	3	0	13.88	14.00	13.99		
1.4	16QAM	3	1	13.75	13.71	13.79		
1.4	16QAM	3	3	13.85	13.88	13.80		
1.4	16QAM	6	0	12.83	12.83	12.85	14.5	2
1.4	64QAM	1	0	12.76	12.72	12.68	14.5	2
1.4	64QAM	1	3	13.15	13.14	13.13		
1.4	64QAM	1	5	12.60	12.56	12.68		
1.4	64QAM	3	0	12.86	12.95	12.95		
1.4	64QAM	3	1	12.91	12.81	12.90		
1.4	64QAM	3	3	12.73	12.78	12.78		
1.4	64QAM	6	0	11.88	11.78	11.87	13.5	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.79	22.78	22.78	24	0
20	QPSK	1	49	23.10	23.12	23.07		
20	QPSK	1	99	22.63	22.66	22.61		
20	QPSK	50	0	22.09	22.10	22.06	23	1
20	QPSK	50	24	22.05	22.09	22.04		
20	QPSK	50	50	22.04	22.05	21.97		
20	QPSK	100	0	22.03	22.08	22.03		
20	16QAM	1	0	22.03	22.07	22.03	23	1
20	16QAM	1	49	22.40	22.34	22.26		
20	16QAM	1	99	21.96	21.89	21.89		
20	16QAM	50	0	21.03	21.06	21.09	22	2
20	16QAM	50	24	21.03	21.04	21.04		
20	16QAM	50	50	21.05	20.99	20.95		
20	16QAM	100	0	21.05	20.99	21.01		
20	64QAM	1	0	21.02	20.95	20.93	22	2
20	64QAM	1	49	21.29	21.25	21.17		
20	64QAM	1	99	20.85	20.70	20.80		
20	64QAM	50	0	20.06	20.08	20.09	21	3
20	64QAM	50	24	20.06	20.09	20.05		
20	64QAM	50	50	20.02	20.00	19.99		
20	64QAM	100	0	20.08	20.02	20.05		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.77	22.63	22.71	24	0
15	QPSK	1	37	22.96	23.10	22.99		
15	QPSK	1	74	22.48	22.52	22.61		
15	QPSK	36	0	21.95	21.97	22.05	23	1
15	QPSK	36	20	22.04	22.03	22.01		
15	QPSK	36	39	22.02	21.96	21.95		
15	QPSK	75	0	21.91	21.94	21.98		
15	16QAM	1	0	21.87	22.07	21.95	23	1
15	16QAM	1	37	22.22	22.25	22.23		
15	16QAM	1	74	21.96	21.87	21.70		
15	16QAM	36	0	20.88	20.93	20.96	22	2
15	16QAM	36	20	20.93	21.00	20.99		
15	16QAM	36	39	21.04	20.88	20.81		
15	16QAM	75	0	20.98	20.91	20.98		
15	64QAM	1	0	20.90	20.92	20.78	22	2
15	64QAM	1	37	21.13	21.24	21.15		
15	64QAM	1	74	20.84	20.66	20.66		
15	64QAM	36	0	19.94	20.07	20.09	21	3
15	64QAM	36	20	20.04	19.91	20.03		
15	64QAM	36	39	19.87	19.98	19.95		
15	64QAM	75	0	20.00	19.87	19.95		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.70	22.74	22.77	24	0
10	QPSK	1	25	23.04	23.00	22.89		
10	QPSK	1	49	22.58	22.60	22.55		
10	QPSK	25	0	22.07	21.96	22.02	23	1
10	QPSK	25	12	21.99	21.98	21.92		
10	QPSK	25	25	22.01	21.86	21.81		
10	QPSK	50	0	22.00	21.95	22.01		
10	16QAM	1	0	21.99	21.90	22.00	23	1
10	16QAM	1	25	22.23	22.19	22.24		
10	16QAM	1	49	21.80	21.73	21.79		
10	16QAM	25	0	20.91	20.95	20.95	22	2
10	16QAM	25	12	20.85	20.87	21.00		
10	16QAM	25	25	21.06	20.82	20.92		
10	16QAM	50	0	21.00	20.98	20.96		
10	64QAM	1	0	20.97	20.87	20.91	22	2
10	64QAM	1	25	21.20	21.26	21.11		
10	64QAM	1	49	20.74	20.61	20.66		
10	64QAM	25	0	19.90	20.01	19.90	21	3
10	64QAM	25	12	19.92	20.05	19.89		
10	64QAM	25	25	19.89	19.94	19.89		
10	64QAM	50	0	19.95	20.01	19.87		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.65	22.76	22.73	24	0
5	QPSK	1	12	23.04	22.94	22.97		
5	QPSK	1	24	22.62	22.62	22.60		
5	QPSK	12	0	21.98	22.11	22.00	23	1
5	QPSK	12	7	21.88	21.99	21.87		
5	QPSK	12	13	21.92	21.94	21.94		
5	QPSK	25	0	21.84	22.03	21.99		
5	16QAM	1	0	21.94	21.99	21.87	23	1
5	16QAM	1	12	22.23	22.16	22.20		
5	16QAM	1	24	21.83	21.72	21.73		
5	16QAM	12	0	20.99	20.96	20.97	22	2
5	16QAM	12	7	20.85	20.91	21.05		
5	16QAM	12	13	21.06	20.91	20.80		
5	16QAM	25	0	20.86	20.85	20.88		
5	64QAM	1	0	20.93	20.87	20.92	22	2
5	64QAM	1	12	21.20	21.10	21.07		
5	64QAM	1	24	20.67	20.55	20.69		
5	64QAM	12	0	19.87	20.05	20.06	21	3
5	64QAM	12	7	19.96	20.01	19.97		
5	64QAM	12	13	19.86	19.93	19.93		
5	64QAM	25	0	20.03	19.97	19.95		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.66	22.63	22.77	24	0
3	QPSK	1	8	23.06	22.94	22.95		
3	QPSK	1	14	22.53	22.60	22.62		
3	QPSK	8	0	21.94	21.96	21.90	23	1
3	QPSK	8	4	22.04	22.04	22.04		
3	QPSK	8	7	22.02	21.97	21.84		
3	QPSK	15	0	21.91	21.90	21.91		
3	16QAM	1	0	21.91	21.99	21.97	23	1
3	16QAM	1	8	22.27	22.22	22.15		
3	16QAM	1	14	21.90	21.73	21.88		
3	16QAM	8	0	20.90	20.96	20.96	22	2
3	16QAM	8	4	21.02	20.86	20.98		
3	16QAM	8	7	20.94	20.86	20.83		
3	16QAM	15	0	21.02	20.95	20.98		
3	64QAM	1	0	20.87	20.86	20.86	22	2
3	64QAM	1	8	21.26	21.06	21.07		
3	64QAM	1	14	20.74	20.53	20.61		
3	64QAM	8	0	19.90	20.08	20.10	21	3
3	64QAM	8	4	19.99	20.02	19.91		
3	64QAM	8	7	19.88	19.86	20.00		
3	64QAM	15	0	20.06	19.85	19.89		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.85	22.88	22.96	24	0
1.4	QPSK	1	3	22.97	23.05	23.07		
1.4	QPSK	1	5	22.90	22.92	22.94		
1.4	QPSK	3	0	23.00	23.01	23.08		
1.4	QPSK	3	1	23.03	23.05	23.10		
1.4	QPSK	3	3	22.97	22.97	23.07		
1.4	QPSK	6	0	21.98	21.97	22.03	23	1
1.4	16QAM	1	0	22.12	22.07	22.22	23	1
1.4	16QAM	1	3	22.23	22.27	22.37		
1.4	16QAM	1	5	22.19	22.21	22.17		
1.4	16QAM	3	0	21.98	21.94	22.05		
1.4	16QAM	3	1	21.98	22.02	22.10		
1.4	16QAM	3	3	21.98	21.95	22.02		
1.4	16QAM	6	0	21.07	21.10	21.13	22	2
1.4	64QAM	1	0	21.03	21.05	21.16	22	2
1.4	64QAM	1	3	21.16	21.08	21.23		
1.4	64QAM	1	5	21.00	20.99	21.10		
1.4	64QAM	3	0	21.06	21.07	21.15		
1.4	64QAM	3	1	21.17	21.13	21.22		
1.4	64QAM	3	3	21.05	21.05	21.15		
1.4	64QAM	6	0	19.98	20.04	20.04	21	3

Band 4_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.04	18.09	18.05	20	0
20	QPSK	1	49	18.32	18.35	18.27		
20	QPSK	1	99	18.03	18.06	18.11		
20	QPSK	50	0	17.39	17.47	17.43	19	1
20	QPSK	50	24	17.20	17.33	17.23		
20	QPSK	50	50	17.20	17.30	17.22		
20	QPSK	100	0	17.32	17.36	17.28		
20	16QAM	1	0	17.40	17.49	17.40	19	1
20	16QAM	1	49	17.60	17.66	17.60		
20	16QAM	1	99	17.05	17.07	17.03		
20	16QAM	50	0	16.38	16.41	16.39	18	2
20	16QAM	50	24	16.31	16.34	16.25		
20	16QAM	50	50	16.22	16.29	16.18		
20	16QAM	100	0	16.30	16.32	16.29		
20	64QAM	1	0	16.21	16.33	16.24	18	2
20	64QAM	1	49	16.51	16.57	16.49		
20	64QAM	1	99	16.05	16.07	16.04		
20	64QAM	50	0	15.33	15.45	15.39	17	3
20	64QAM	50	24	15.19	15.34	15.23		
20	64QAM	50	50	15.38	15.39	15.34		
20	64QAM	100	0	15.36	15.37	15.30		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.04	18.04	18.08	20	0
15	QPSK	1	37	18.20	18.32	18.25		
15	QPSK	1	74	18.00	18.00	18.00		
15	QPSK	36	0	17.40	17.40	17.32	19	1
15	QPSK	36	20	17.26	17.18	17.26		
15	QPSK	36	39	17.17	17.15	17.23		
15	QPSK	75	0	17.21	17.29	17.26		
15	16QAM	1	0	17.43	17.47	17.43	19	1
15	16QAM	1	37	17.56	17.55	17.61		
15	16QAM	1	74	17.02	17.03	17.02		
15	16QAM	36	0	16.30	16.30	16.36	18	2
15	16QAM	36	20	16.21	16.29	16.29		
15	16QAM	36	39	16.22	16.26	16.16		
15	16QAM	75	0	16.31	16.30	16.26		
15	64QAM	1	0	16.25	16.26	16.26	18	2
15	64QAM	1	37	16.48	16.44	16.48		
15	64QAM	1	74	16.03	16.00	16.06		
15	64QAM	36	0	15.30	15.30	15.39	17	3
15	64QAM	36	20	15.21	15.29	15.27		
15	64QAM	36	39	15.27	15.28	15.28		
15	64QAM	75	0	15.30	15.27	15.32		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.08	18.00	18.02	20	0
10	QPSK	1	25	18.34	18.27	18.29		
10	QPSK	1	49	18.05	18.02	18.05		
10	QPSK	25	0	17.33	17.35	17.40	19	1
10	QPSK	25	12	17.25	17.21	17.25		
10	QPSK	25	25	17.21	17.22	17.27		
10	QPSK	50	0	17.22	17.24	17.26		
10	16QAM	1	0	17.46	17.38	17.42	19	1
10	16QAM	1	25	17.61	17.56	17.53		
10	16QAM	1	49	17.07	17.06	17.04		
10	16QAM	25	0	16.40	16.27	16.37	18	2
10	16QAM	25	12	16.28	16.20	16.30		
10	16QAM	25	25	16.15	16.23	16.15		
10	16QAM	50	0	16.19	16.30	16.26		
10	64QAM	1	0	16.32	16.32	16.22	18	2
10	64QAM	1	25	16.45	16.47	16.53		
10	64QAM	1	49	16.02	16.05	16.01		
10	64QAM	25	0	15.37	15.37	15.32	17	3
10	64QAM	25	12	15.26	15.33	15.29		
10	64QAM	25	25	15.35	15.38	15.26		
10	64QAM	50	0	15.35	15.32	15.22		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.06	18.03	18.00	20	0
5	QPSK	1	12	18.28	18.25	18.25		
5	QPSK	1	24	18.03	18.01	18.05		
5	QPSK	12	0	17.32	17.37	17.42	19	1
5	QPSK	12	7	17.26	17.29	17.19		
5	QPSK	12	13	17.26	17.25	17.25		
5	QPSK	25	0	17.32	17.29	17.27		
5	16QAM	1	0	17.44	17.34	17.43	19	1
5	16QAM	1	12	17.57	17.55	17.59		
5	16QAM	1	24	17.06	17.01	17.03		
5	16QAM	12	0	16.32	16.29	16.28	18	2
5	16QAM	12	7	16.26	16.19	16.31		
5	16QAM	12	13	16.26	16.18	16.24		
5	16QAM	25	0	16.19	16.22	16.20		
5	64QAM	1	0	16.24	16.26	16.31	18	2
5	64QAM	1	12	16.56	16.54	16.55		
5	64QAM	1	24	16.08	16.07	16.05		
5	64QAM	12	0	15.43	15.40	15.38	17	3
5	64QAM	12	7	15.30	15.19	15.25		
5	64QAM	12	13	15.30	15.36	15.27		
5	64QAM	25	0	15.31	15.23	15.28		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.08	18.09	18.07	20	0
3	QPSK	1	8	18.20	18.23	18.27		
3	QPSK	1	14	18.04	18.04	18.03		
3	QPSK	8	0	17.34	17.36	17.39	19	1
3	QPSK	8	4	17.28	17.23	17.30		
3	QPSK	8	7	17.21	17.26	17.21		
3	QPSK	15	0	17.21	17.21	17.27		
3	16QAM	1	0	17.45	17.37	17.43	19	1
3	16QAM	1	8	17.51	17.51	17.64		
3	16QAM	1	14	17.00	17.52	17.01		
3	16QAM	8	0	16.33	16.36	16.32	18	2
3	16QAM	8	4	16.27	16.22	16.19		
3	16QAM	8	7	16.25	16.28	16.16		
3	16QAM	15	0	16.18	16.29	16.30		
3	64QAM	1	0	16.26	16.22	16.18	18	2
3	64QAM	1	8	16.46	16.52	16.49		
3	64QAM	1	14	16.04	16.03	16.03		
3	64QAM	8	0	15.38	15.31	15.41	17	3
3	64QAM	8	4	15.29	15.19	15.21		
3	64QAM	8	7	15.24	15.37	15.35		
3	64QAM	15	0	15.35	15.26	15.26		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.07	18.02	18.01	20	0
1.4	QPSK	1	3	18.32	18.29	18.21		
1.4	QPSK	1	5	18.03	18.03	18.02		
1.4	QPSK	3	0	18.15	18.24	18.26		
1.4	QPSK	3	1	18.02	18.07	18.03		
1.4	QPSK	3	3	18.00	18.05	18.01		
1.4	QPSK	6	0	17.25	17.21	17.28	19	1
1.4	16QAM	1	0	17.41	17.43	17.44	19	1
1.4	16QAM	1	3	17.56	17.59	17.63		
1.4	16QAM	1	5	17.02	17.02	17.01		
1.4	16QAM	3	0	17.09	17.18	17.11		
1.4	16QAM	3	1	17.05	17.06	17.06		
1.4	16QAM	3	3	17.04	17.03	17.08		
1.4	16QAM	6	0	16.17	16.30	16.20	18	2
1.4	64QAM	1	0	16.27	16.18	16.25	18	2
1.4	64QAM	1	3	16.42	16.54	16.43		
1.4	64QAM	1	5	16.02	16.03	16.05		
1.4	64QAM	3	0	16.14	16.16	16.21		
1.4	64QAM	3	1	16.05	16.11	16.08		
1.4	64QAM	3	3	16.05	16.12	16.07		
1.4	64QAM	6	0	15.28	15.27	15.24	17	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.06	23.07	23.03	24	0
10	QPSK	1	25	23.15	23.19	23.14		
10	QPSK	1	49	23.07	23.03	23.02		
10	QPSK	25	0	22.16	22.23	22.18	23	1
10	QPSK	25	12	22.16	22.15	22.16		
10	QPSK	25	25	22.13	22.15	22.01		
10	QPSK	50	0	22.16	22.19	22.07		
10	16QAM	1	0	22.25	22.32	22.25	23	1
10	16QAM	1	25	22.40	22.35	22.37		
10	16QAM	1	49	22.32	22.30	22.29		
10	16QAM	25	0	21.14	21.14	21.12	22	2
10	16QAM	25	12	21.15	21.15	21.15		
10	16QAM	25	25	21.21	21.15	20.98		
10	16QAM	50	0	21.17	21.15	21.05		
10	64QAM	1	0	21.19	21.16	21.20	22	2
10	64QAM	1	25	21.34	21.31	21.26		
10	64QAM	1	49	21.17	21.25	21.19		
10	64QAM	25	0	20.20	20.18	20.18	21	3
10	64QAM	25	12	20.20	20.17	20.18		
10	64QAM	25	25	20.24	20.16	20.03		
10	64QAM	50	0	20.21	20.16	20.09		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.93	23.02	22.95	24	0
5	QPSK	1	12	23.14	23.11	23.09		
5	QPSK	1	24	22.94	22.86	23.03		
5	QPSK	12	0	22.11	22.14	22.11	23	1
5	QPSK	12	7	22.14	21.96	22.09		
5	QPSK	12	13	21.94	22.07	21.89		
5	QPSK	25	0	22.12	22.00	22.00		
5	16QAM	1	0	22.24	22.16	22.22	23	1
5	16QAM	1	12	22.34	22.33	22.21		
5	16QAM	1	24	22.14	22.22	22.22		
5	16QAM	12	0	20.95	21.05	21.02	22	2
5	16QAM	12	7	21.07	21.08	21.05		
5	16QAM	12	13	21.09	21.00	20.81		
5	16QAM	25	0	21.02	21.11	20.87		
5	64QAM	1	0	21.04	21.17	21.02	22	2
5	64QAM	1	12	21.30	21.26	21.11		
5	64QAM	1	24	21.08	21.07	21.14		
5	64QAM	12	0	20.01	20.18	20.12	21	3
5	64QAM	12	7	20.09	20.12	20.09		
5	64QAM	12	13	20.05	19.98	19.84		
5	64QAM	25	0	20.19	20.09	20.09		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.90	22.94	22.97	24	0
3	QPSK	1	8	23.06	23.11	22.96		
3	QPSK	1	14	23.02	22.86	22.87		
3	QPSK	8	0	22.19	22.09	22.12	23	1
3	QPSK	8	4	21.97	22.08	22.08		
3	QPSK	8	7	22.08	21.96	21.88		
3	QPSK	15	0	22.17	22.09	21.97		
3	16QAM	1	0	22.22	22.17	22.21	23	1
3	16QAM	1	8	22.40	22.19	22.22		
3	16QAM	1	14	22.19	22.21	22.24		
3	16QAM	8	0	20.96	21.03	20.96	22	2
3	16QAM	8	4	21.02	20.99	21.13		
3	16QAM	8	7	21.02	21.12	20.85		
3	16QAM	15	0	21.14	21.06	21.05		
3	64QAM	1	0	21.19	21.13	21.12	22	2
3	64QAM	1	8	21.22	21.12	21.27		
3	64QAM	1	14	21.14	21.06	21.07		
3	64QAM	8	0	20.11	20.03	20.09	21	3
3	64QAM	8	4	20.09	19.98	20.07		
3	64QAM	8	7	20.10	20.04	20.01		
3	64QAM	15	0	20.07	19.98	20.05		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.00	23.00	22.97	24	0
1.4	QPSK	1	3	23.11	23.13	23.13		
1.4	QPSK	1	5	22.97	22.99	23.00		
1.4	QPSK	3	0	23.11	23.08	23.09		
1.4	QPSK	3	1	23.13	23.14	23.17		
1.4	QPSK	3	3	23.09	23.11	23.09		
1.4	QPSK	6	0	22.13	22.12	22.12	23	1
1.4	16QAM	1	0	22.15	22.19	22.24	23	1
1.4	16QAM	1	3	22.34	22.36	22.31		
1.4	16QAM	1	5	22.24	22.19	22.14		
1.4	16QAM	3	0	22.07	22.02	22.02		
1.4	16QAM	3	1	22.09	22.13	22.07		
1.4	16QAM	3	3	22.04	22.05	22.05		
1.4	16QAM	6	0	21.18	21.14	21.17	22	2
1.4	64QAM	1	0	21.16	21.11	21.08	22	2
1.4	64QAM	1	3	21.19	21.19	21.27		
1.4	64QAM	1	5	21.14	21.13	21.14		
1.4	64QAM	3	0	21.18	21.09	21.17		
1.4	64QAM	3	1	21.24	21.23	21.17		
1.4	64QAM	3	3	21.19	21.21	21.14		
1.4	64QAM	6	0	20.15	20.15	20.11	21	3

Band 5_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.48	20.52	20.43	22	0
10	QPSK	1	25	20.69	20.70	20.68		
10	QPSK	1	49	20.54	20.57	20.51		
10	QPSK	25	0	19.71	19.74	19.67	21	1
10	QPSK	25	12	19.59	19.69	19.64		
10	QPSK	25	25	19.70	19.73	19.66		
10	QPSK	50	0	19.65	19.73	19.68		
10	16QAM	1	0	19.65	19.67	19.64	21	1
10	16QAM	1	25	19.87	19.92	19.91		
10	16QAM	1	49	19.73	19.78	19.74		
10	16QAM	25	0	18.52	18.62	18.57	20	2
10	16QAM	25	12	18.58	18.68	18.63		
10	16QAM	25	25	18.67	18.72	18.64		
10	16QAM	50	0	18.63	18.72	18.65		
10	64QAM	1	0	18.62	18.66	18.65	20	2
10	64QAM	1	25	18.74	18.83	18.77		
10	64QAM	1	49	18.58	18.63	18.54		
10	64QAM	25	0	17.59	17.67	17.57	19	3
10	64QAM	25	12	17.60	17.62	17.57		
10	64QAM	25	25	17.75	17.81	17.80		
10	64QAM	50	0	17.69	17.71	17.67		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.44	20.44	20.43	22	0
5	QPSK	1	12	20.64	20.60	20.66		
5	QPSK	1	24	20.47	20.47	20.50		
5	QPSK	12	0	19.72	19.71	19.71	21	1
5	QPSK	12	7	19.63	19.59	19.67		
5	QPSK	12	13	19.67	19.71	19.70		
5	QPSK	25	0	19.68	19.65	19.68		
5	16QAM	1	0	19.59	19.59	19.63	21	1
5	16QAM	1	12	19.90	19.86	19.88		
5	16QAM	1	24	19.70	19.69	19.68		
5	16QAM	12	0	18.53	18.59	18.55	20	2
5	16QAM	12	7	18.65	18.64	18.59		
5	16QAM	12	13	18.62	18.66	18.64		
5	16QAM	25	0	18.64	18.65	18.67		
5	64QAM	1	0	18.65	18.61	18.62	20	2
5	64QAM	1	12	18.76	18.74	18.78		
5	64QAM	1	24	18.54	18.62	18.59		
5	64QAM	12	0	17.59	17.58	17.63	19	3
5	64QAM	12	7	17.60	17.61	17.54		
5	64QAM	12	13	17.78	17.75	17.76		
5	64QAM	25	0	17.61	17.61	17.65		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.50	20.50	20.43	22	0
3	QPSK	1	8	20.68	20.62	20.60		
3	QPSK	1	14	20.51	20.54	20.52		
3	QPSK	8	0	19.67	19.67	19.67	21	1
3	QPSK	8	4	19.62	19.66	19.60		
3	QPSK	8	7	19.64	19.70	19.67		
3	QPSK	15	0	19.72	19.67	19.72		
3	16QAM	1	0	19.63	19.63	19.59	21	1
3	16QAM	1	8	19.91	19.85	19.84		
3	16QAM	1	14	19.72	19.69	19.70		
3	16QAM	8	0	18.55	18.52	18.54	20	2
3	16QAM	8	4	18.59	18.62	18.65		
3	16QAM	8	7	18.63	18.64	18.66		
3	16QAM	15	0	18.69	18.64	18.63		
3	64QAM	1	0	18.59	18.57	18.65	20	2
3	64QAM	1	8	18.75	18.73	18.79		
3	64QAM	1	14	18.55	18.55	18.54		
3	64QAM	8	0	17.66	17.61	17.64	19	3
3	64QAM	8	4	17.59	17.56	17.61		
3	64QAM	8	7	17.77	17.78	17.75		
3	64QAM	15	0	17.63	17.62	17.63		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.43	20.46	20.49	22	0
1.4	QPSK	1	3	20.65	20.67	20.60		
1.4	QPSK	1	5	20.48	20.51	20.53		
1.4	QPSK	3	0	20.52	20.52	20.49		
1.4	QPSK	3	1	20.46	20.40	20.47		
1.4	QPSK	3	3	20.51	20.51	20.48		
1.4	QPSK	6	0	19.64	19.72	19.71	21	1
1.4	16QAM	1	0	19.57	19.62	19.66	21	1
1.4	16QAM	1	3	19.91	19.84	19.85		
1.4	16QAM	1	5	19.71	19.75	19.74		
1.4	16QAM	3	0	19.89	19.85	19.89		
1.4	16QAM	3	1	19.95	19.93	19.94		
1.4	16QAM	3	3	19.97	20.01	20.00		
1.4	16QAM	6	0	18.63	18.65	18.66	20	2
1.4	64QAM	1	0	18.57	18.65	18.58	20	2
1.4	64QAM	1	3	18.79	18.79	18.76		
1.4	64QAM	1	5	18.57	18.59	18.56		
1.4	64QAM	3	0	18.96	18.93	18.94		
1.4	64QAM	3	1	18.89	18.84	18.91		
1.4	64QAM	3	3	19.03	19.08	19.07		
1.4	64QAM	6	0	17.64	17.61	17.66	19	3

Band 7_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.07	23.07	23.03	24	0
20	QPSK	1	49	23.40	23.48	23.40		
20	QPSK	1	99	23.03	23.11	23.11		
20	QPSK	50	0	22.41	22.50	22.47	23	1
20	QPSK	50	24	22.40	22.47	22.39		
20	QPSK	50	50	22.37	22.45	22.46		
20	QPSK	100	0	22.35	22.46	22.40		
20	16QAM	1	0	22.27	22.24	22.22	23	1
20	16QAM	1	49	22.47	22.58	22.51		
20	16QAM	1	99	22.26	22.36	22.28		
20	16QAM	50	0	21.38	21.48	21.42	22	2
20	16QAM	50	24	21.43	21.49	21.46		
20	16QAM	50	50	21.42	21.55	21.47		
20	16QAM	100	0	21.40	21.50	21.41		
20	64QAM	1	0	21.32	21.22	21.28	22	2
20	64QAM	1	49	21.48	21.47	21.47		
20	64QAM	1	99	21.30	21.31	21.34		
20	64QAM	50	0	20.40	20.49	20.42	21	3
20	64QAM	50	24	20.45	20.49	20.47		
20	64QAM	50	50	20.41	20.53	20.47		
20	64QAM	100	0	20.41	20.49	20.43		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.06	23.07	22.89	24	0
15	QPSK	1	37	23.27	23.29	23.32		
15	QPSK	1	74	22.99	23.12	23.05		
15	QPSK	36	0	22.24	22.45	22.37	23	1
15	QPSK	36	20	22.26	22.34	22.36		
15	QPSK	36	39	22.32	22.45	22.28		
15	QPSK	75	0	22.22	22.39	22.34		
15	16QAM	1	0	22.26	22.24	22.11	23	1
15	16QAM	1	37	22.36	22.54	22.48		
15	16QAM	1	74	22.09	22.33	22.21		
15	16QAM	36	0	21.36	21.30	21.31	22	2
15	16QAM	36	20	21.42	21.39	21.35		
15	16QAM	36	39	21.43	21.53	21.46		
15	16QAM	75	0	21.32	21.48	21.33		
15	64QAM	1	0	21.21	21.23	21.18	22	2
15	64QAM	1	37	21.37	21.33	21.46		
15	64QAM	1	74	21.12	21.15	21.29		
15	64QAM	36	0	20.40	20.46	20.31	21	3
15	64QAM	36	20	20.42	20.48	20.46		
15	64QAM	36	39	20.30	20.53	20.46		
15	64QAM	75	0	20.41	20.45	20.37		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.00	22.97	22.89	24	0
10	QPSK	1	25	23.24	23.32	23.30		
10	QPSK	1	49	23.04	23.08	22.95		
10	QPSK	25	0	22.30	22.45	22.48	23	1
10	QPSK	25	12	22.39	22.31	22.20		
10	QPSK	25	25	22.34	22.26	22.37		
10	QPSK	50	0	22.30	22.44	22.26		
10	16QAM	1	0	22.27	22.25	22.04	23	1
10	16QAM	1	25	22.38	22.42	22.43		
10	16QAM	1	49	22.21	22.26	22.17		
10	16QAM	25	0	21.29	21.35	21.24	22	2
10	16QAM	25	12	21.39	21.46	21.39		
10	16QAM	25	25	21.35	21.39	21.28		
10	16QAM	50	0	21.35	21.37	21.40		
10	64QAM	1	0	21.18	21.19	21.27	22	2
10	64QAM	1	25	21.31	21.33	21.36		
10	64QAM	1	49	21.11	21.32	21.29		
10	64QAM	25	0	20.31	20.49	20.34	21	3
10	64QAM	25	12	20.35	20.41	20.29		
10	64QAM	25	25	20.24	20.53	20.36		
10	64QAM	50	0	20.36	20.50	20.35		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.07	22.95	22.99	24	0
5	QPSK	1	12	23.38	23.40	23.25		
5	QPSK	1	24	22.90	23.09	23.12		
5	QPSK	12	0	22.28	22.35	22.35	23	1
5	QPSK	12	7	22.33	22.31	22.23		
5	QPSK	12	13	22.25	22.38	22.31		
5	QPSK	25	0	22.19	22.34	22.35		
5	16QAM	1	0	22.08	22.09	22.08	23	1
5	16QAM	1	12	22.41	22.55	22.39		
5	16QAM	1	24	22.07	22.37	22.17		
5	16QAM	12	0	21.29	21.33	21.27	22	2
5	16QAM	12	7	21.40	21.46	21.35		
5	16QAM	12	13	21.30	21.36	21.48		
5	16QAM	25	0	21.36	21.49	21.30		
5	64QAM	1	0	21.32	21.06	21.10	22	2
5	64QAM	1	12	21.35	21.30	21.39		
5	64QAM	1	24	21.27	21.26	21.19		
5	64QAM	12	0	20.39	20.48	20.25	21	3
5	64QAM	12	7	20.29	20.41	20.41		
5	64QAM	12	13	20.36	20.40	20.40		
5	64QAM	25	0	20.27	20.40	20.39		

Band 7_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	15.16	15.24	15.18	17	0
20	QPSK	1	49	15.65	15.68	15.65		
20	QPSK	1	99	15.21	15.28	15.26		
20	QPSK	50	0	14.66	14.71	14.63	16	1
20	QPSK	50	24	14.63	14.64	14.62		
20	QPSK	50	50	14.57	14.62	14.56		
20	QPSK	100	0	14.60	14.63	14.58		
20	16QAM	1	0	14.41	14.48	14.47	16	1
20	16QAM	1	49	14.85	14.88	14.79		
20	16QAM	1	99	14.43	14.52	14.45		
20	16QAM	50	0	13.63	13.65	13.56	15	2
20	16QAM	50	24	13.71	13.72	13.63		
20	16QAM	50	50	13.69	13.78	13.70		
20	16QAM	100	0	13.60	13.68	13.64		
20	64QAM	1	0	13.35	13.41	13.33	15	2
20	64QAM	1	49	13.75	13.79	13.73		
20	64QAM	1	99	13.56	13.60	13.56		
20	64QAM	50	0	12.63	12.66	12.59	14	3
20	64QAM	50	24	12.66	12.70	12.66		
20	64QAM	50	50	12.56	12.65	12.57		
20	64QAM	100	0	12.55	12.64	12.60		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.20	15.17	15.15	17	0
15	QPSK	1	37	15.64	15.66	15.61		
15	QPSK	1	74	15.26	15.25	15.25		
15	QPSK	36	0	14.67	14.68	14.62	16	1
15	QPSK	36	20	14.57	14.58	14.60		
15	QPSK	36	39	14.53	14.52	14.53		
15	QPSK	75	0	14.60	14.54	14.54		
15	16QAM	1	0	14.47	14.46	14.38	16	1
15	16QAM	1	37	14.87	14.86	14.85		
15	16QAM	1	74	14.46	14.51	14.51		
15	16QAM	36	0	13.55	13.64	13.59	15	2
15	16QAM	36	20	13.63	13.67	13.62		
15	16QAM	36	39	13.71	13.68	13.76		
15	16QAM	75	0	13.61	13.62	13.67		
15	64QAM	1	0	13.38	13.33	13.40	15	2
15	64QAM	1	37	13.70	13.74	13.70		
15	64QAM	1	74	13.55	13.54	13.52		
15	64QAM	36	0	12.58	12.65	12.64	14	3
15	64QAM	36	20	12.60	12.61	12.62		
15	64QAM	36	39	12.56	12.63	12.61		
15	64QAM	75	0	12.62	12.61	12.63		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.22	15.20	15.22	17	0
10	QPSK	1	25	15.64	15.62	15.58		
10	QPSK	1	49	15.18	15.18	15.25		
10	QPSK	25	0	14.66	14.62	14.65	16	1
10	QPSK	25	12	14.58	14.62	14.56		
10	QPSK	25	25	14.54	14.58	14.54		
10	QPSK	50	0	14.60	14.62	14.58		
10	16QAM	1	0	14.38	14.44	14.43	16	1
10	16QAM	1	25	14.78	14.85	14.78		
10	16QAM	1	49	14.49	14.46	14.45		
10	16QAM	25	0	13.56	13.58	13.58	15	2
10	16QAM	25	12	13.62	13.66	13.64		
10	16QAM	25	25	13.69	13.71	13.75		
10	16QAM	50	0	13.61	13.58	13.59		
10	64QAM	1	0	13.34	13.40	13.37	15	2
10	64QAM	1	25	13.69	13.78	13.69		
10	64QAM	1	49	13.53	13.54	13.59		
10	64QAM	25	0	12.57	12.58	12.56	14	3
10	64QAM	25	12	12.69	12.65	12.69		
10	64QAM	25	25	12.63	12.61	12.56		
10	64QAM	50	0	12.62	12.62	12.59		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.20	15.18	15.17	17	0
5	QPSK	1	12	15.63	15.62	15.64		
5	QPSK	1	24	15.18	15.24	15.27		
5	QPSK	12	0	14.65	14.67	14.69	16	1
5	QPSK	12	7	14.58	14.58	14.63		
5	QPSK	12	13	14.55	14.55	14.57		
5	QPSK	25	0	14.59	14.53	14.56		
5	16QAM	1	0	14.43	14.44	14.45	16	1
5	16QAM	1	12	14.79	14.81	14.87		
5	16QAM	1	24	14.51	14.48	14.49		
5	16QAM	12	0	13.63	13.60	13.63	15	2
5	16QAM	12	7	13.71	13.67	13.69		
5	16QAM	12	13	13.76	13.76	13.73		
5	16QAM	25	0	13.67	13.63	13.60		
5	64QAM	1	0	13.33	13.33	13.37	15	2
5	64QAM	1	12	13.74	13.69	13.70		
5	64QAM	1	24	13.53	13.53	13.56		
5	64QAM	12	0	12.64	12.64	12.63	14	3
5	64QAM	12	7	12.68	12.67	12.61		
5	64QAM	12	13	12.55	12.55	12.61		
5	64QAM	25	0	12.59	12.60	12.61		

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.13		24	0
10	QPSK	1	25		23.26			
10	QPSK	1	49		23.15			
10	QPSK	25	0		22.26		23	1
10	QPSK	25	12		22.16			
10	QPSK	25	25		22.13			
10	QPSK	50	0		22.19			
10	16QAM	1	0		22.33		23	1
10	16QAM	1	25		22.49			
10	16QAM	1	49		22.44			
10	16QAM	25	0		21.19		22	2
10	16QAM	25	12		21.29			
10	16QAM	25	25		21.16			
10	16QAM	50	0		21.23			
10	64QAM	1	0		21.40		22	2
10	64QAM	1	25		21.42			
10	64QAM	1	49		21.39			
10	64QAM	25	0		20.23		21	3
10	64QAM	25	12		20.29			
10	64QAM	25	25		20.18			
10	64QAM	50	0		20.19			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.00	23.00	23.07	24	0
5	QPSK	1	12	23.21	23.22	23.13		
5	QPSK	1	24	23.00	23.08	23.00		
5	QPSK	12	0	22.17	22.23	22.20	23	1
5	QPSK	12	7	22.02	22.16	22.10		
5	QPSK	12	13	22.05	21.97	22.04		
5	QPSK	25	0	22.20	22.18	22.05		
5	16QAM	1	0	22.29	22.22	22.22	23	1
5	16QAM	1	12	22.39	22.47	22.49		
5	16QAM	1	24	22.44	22.29	22.43		
5	16QAM	12	0	21.17	21.13	21.04	22	2
5	16QAM	12	7	21.10	21.23	21.23		
5	16QAM	12	13	21.03	21.14	20.98		
5	16QAM	25	0	21.15	21.23	21.04		
5	64QAM	1	0	21.35	21.24	21.38	22	2
5	64QAM	1	12	21.37	21.26	21.28		
5	64QAM	1	24	21.34	21.21	21.22		
5	64QAM	12	0	20.14	20.08	20.17	21	3
5	64QAM	12	7	20.19	20.26	20.12		
5	64QAM	12	13	20.12	20.00	20.12		
5	64QAM	25	0	20.08	20.12	20.18		

Band 26(FCC)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.99	22.91	22.94	24	0
15	QPSK	1	37	23.20	23.25	23.14		
15	QPSK	1	74	22.99	22.94	22.94		
15	QPSK	36	0	22.12	22.15	22.13	23	1
15	QPSK	36	20	22.09	22.08	22.12		
15	QPSK	36	39	22.10	22.11	22.06		
15	QPSK	75	0	22.10	22.11	22.08		
15	16QAM	1	0	22.26	22.15	22.23	23	1
15	16QAM	1	37	22.52	22.49	22.42		
15	16QAM	1	74	22.20	22.22	22.15		
15	16QAM	36	0	21.07	21.05	21.11	22	2
15	16QAM	36	20	21.11	21.09	21.15		
15	16QAM	36	39	21.08	21.10	21.03		
15	16QAM	75	0	21.10	21.07	21.10		
15	64QAM	1	0	21.17	21.08	21.15	22	2
15	64QAM	1	37	21.28	21.36	21.38		
15	64QAM	1	74	21.19	21.21	21.13		
15	64QAM	36	0	20.15	20.11	20.15	21	3
15	64QAM	36	20	20.17	20.19	20.19		
15	64QAM	36	39	20.16	20.15	20.10		
15	64QAM	75	0	20.13	20.14	20.13		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.92	22.92	22.90	24	0
10	QPSK	1	25	23.21	23.24	22.96		
10	QPSK	1	49	22.97	22.94	22.76		
10	QPSK	25	0	22.13	22.12	21.95	23	1
10	QPSK	25	12	21.91	21.93	22.05		
10	QPSK	25	25	22.08	22.07	21.89		
10	QPSK	50	0	22.09	22.12	21.90		
10	16QAM	1	0	22.27	21.96	22.23	23	1
10	16QAM	1	25	22.46	22.32	22.40		
10	16QAM	1	49	22.12	22.06	22.07		
10	16QAM	25	0	21.03	20.96	21.12	22	2
10	16QAM	25	12	20.93	20.91	21.12		
10	16QAM	25	25	21.03	20.97	20.88		
10	16QAM	50	0	20.92	20.97	20.93		
10	64QAM	1	0	21.00	20.92	21.04	22	2
10	64QAM	1	25	21.27	21.23	21.36		
10	64QAM	1	49	21.03	21.04	21.08		
10	64QAM	25	0	20.04	19.93	19.98	21	3
10	64QAM	25	12	19.99	20.04	20.15		
10	64QAM	25	25	20.08	20.01	19.99		
10	64QAM	50	0	20.13	19.96	20.07		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.93	22.82	22.75	24	0
5	QPSK	1	12	23.03	23.21	23.02		
5	QPSK	1	24	22.93	22.76	22.76		
5	QPSK	12	0	21.93	22.02	21.99	23	1
5	QPSK	12	7	22.00	22.07	22.02		
5	QPSK	12	13	22.10	22.09	21.97		
5	QPSK	25	0	22.06	21.94	22.09		
5	16QAM	1	0	22.17	22.11	22.14	23	1
5	16QAM	1	12	22.50	22.39	22.41		
5	16QAM	1	24	22.18	22.09	22.09		
5	16QAM	12	0	20.94	20.94	20.96	22	2
5	16QAM	12	7	21.06	20.94	20.98		
5	16QAM	12	13	20.90	20.94	20.84		
5	16QAM	25	0	21.01	20.95	20.94		
5	64QAM	1	0	21.15	21.08	21.01	22	2
5	64QAM	1	12	21.16	21.31	21.22		
5	64QAM	1	24	21.11	21.09	21.09		
5	64QAM	12	0	20.02	19.94	20.11	21	3
5	64QAM	12	7	19.98	20.02	20.02		
5	64QAM	12	13	20.09	20.06	19.93		
5	64QAM	25	0	20.04	20.10	19.94		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.82	22.81	22.90	24	0
3	QPSK	1	8	23.16	23.14	22.97		
3	QPSK	1	14	22.88	22.87	22.85		
3	QPSK	8	0	22.03	21.96	21.96	23	1
3	QPSK	8	4	21.98	21.93	22.01		
3	QPSK	8	7	21.93	22.03	21.93		
3	QPSK	15	0	22.09	21.98	22.06		
3	16QAM	1	0	22.14	22.02	22.21	23	1
3	16QAM	1	8	22.53	22.41	22.37		
3	16QAM	1	14	22.09	22.03	22.03		
3	16QAM	8	0	20.89	21.01	21.09	22	2
3	16QAM	8	4	20.92	21.00	21.13		
3	16QAM	8	7	21.07	21.01	21.00		
3	16QAM	15	0	21.02	20.98	20.99		
3	64QAM	1	0	21.12	20.96	21.14	22	2
3	64QAM	1	8	21.09	21.33	21.39		
3	64QAM	1	14	21.11	21.10	21.05		
3	64QAM	8	0	20.06	20.02	20.16	21	3
3	64QAM	8	4	20.12	20.14	20.18		
3	64QAM	8	7	20.09	20.06	20.00		
3	64QAM	15	0	20.13	20.12	19.98		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.01	23.00	22.98	24	0
1.4	QPSK	1	3	23.16	23.10	23.09		
1.4	QPSK	1	5	23.03	22.99	23.01		
1.4	QPSK	3	0	23.14	23.10	23.10		
1.4	QPSK	3	1	23.18	23.13	23.14		
1.4	QPSK	3	3	23.14	23.09	23.10		
1.4	QPSK	6	0	22.13	22.13	22.16	23	1
1.4	16QAM	1	0	22.17	22.21	22.13	23	1
1.4	16QAM	1	3	22.38	22.36	22.35		
1.4	16QAM	1	5	22.21	22.26	22.19		
1.4	16QAM	3	0	22.09	22.02	22.04		
1.4	16QAM	3	1	22.15	22.13	22.14		
1.4	16QAM	3	3	22.08	22.05	22.03		
1.4	16QAM	6	0	21.21	21.19	21.19	22	2
1.4	64QAM	1	0	21.17	21.21	21.20	22	2
1.4	64QAM	1	3	21.19	21.26	21.28		
1.4	64QAM	1	5	21.13	21.12	21.17		
1.4	64QAM	3	0	21.21	21.23	21.19		
1.4	64QAM	3	1	21.26	21.22	21.25		
1.4	64QAM	3	3	21.15	21.16	21.15		
1.4	64QAM	6	0	20.17	20.16	20.14	21	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	20.51	20.55	20.48	22	0
15	QPSK	1	37	20.77	20.81	20.73		
15	QPSK	1	74	20.53	20.58	20.48		
15	QPSK	36	0	19.73	19.78	19.74	21	1
15	QPSK	36	20	19.61	19.71	19.70		
15	QPSK	36	39	19.70	19.72	19.71		
15	QPSK	75	0	19.75	19.78	19.72		
15	16QAM	1	0	19.66	19.76	19.73	21	1
15	16QAM	1	37	20.13	20.14	20.05		
15	16QAM	1	74	19.71	19.80	19.74		
15	16QAM	36	0	18.62	18.68	18.67	20	2
15	16QAM	36	20	18.66	18.70	18.62		
15	16QAM	36	39	18.67	18.73	18.64		
15	16QAM	75	0	18.74	18.75	18.66		
15	64QAM	1	0	18.61	18.71	18.70	20	2
15	64QAM	1	37	18.89	18.91	18.90		
15	64QAM	1	74	18.62	18.65	18.55		
15	64QAM	36	0	17.65	17.72	17.66	19	3
15	64QAM	36	20	17.72	17.82	17.79		
15	64QAM	36	39	17.75	17.77	17.76		
15	64QAM	75	0	17.77	17.79	17.71		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	20.47	20.53	20.53	22	0
10	QPSK	1	25	20.78	20.73	20.80		
10	QPSK	1	49	20.50	20.54	20.54		
10	QPSK	25	0	19.77	19.68	19.69	21	1
10	QPSK	25	12	19.62	19.63	19.69		
10	QPSK	25	25	19.68	19.63	19.70		
10	QPSK	50	0	19.74	19.72	19.72		
10	16QAM	1	0	19.70	19.74	19.72	21	1
10	16QAM	1	25	20.12	20.04	20.07		
10	16QAM	1	49	19.77	19.74	19.71		
10	16QAM	25	0	18.61	18.59	18.60	20	2
10	16QAM	25	12	18.60	18.62	18.65		
10	16QAM	25	25	18.71	18.65	18.64		
10	16QAM	50	0	18.68	18.70	18.67		
10	64QAM	1	0	18.68	18.65	18.69	20	2
10	64QAM	1	25	18.84	18.86	18.87		
10	64QAM	1	49	18.55	18.64	18.63		
10	64QAM	25	0	17.69	17.71	17.66	19	3
10	64QAM	25	12	17.77	17.72	17.79		
10	64QAM	25	25	17.72	17.73	17.76		
10	64QAM	50	0	17.71	17.78	17.77		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	20.51	20.49	20.54	22	0
5	QPSK	1	12	20.77	20.73	20.73		
5	QPSK	1	24	20.57	20.55	20.55		
5	QPSK	12	0	19.77	19.74	19.69	21	1
5	QPSK	12	7	19.64	19.62	19.62		
5	QPSK	12	13	19.64	19.69	19.63		
5	QPSK	25	0	19.76	19.76	19.69		
5	16QAM	1	0	19.69	19.69	19.70	21	1
5	16QAM	1	12	20.11	20.10	20.04		
5	16QAM	1	24	19.76	19.76	19.77		
5	16QAM	12	0	18.64	18.67	18.63	20	2
5	16QAM	12	7	18.62	18.65	18.60		
5	16QAM	12	13	18.69	18.65	18.64		
5	16QAM	25	0	18.66	18.72	18.66		
5	64QAM	1	0	18.69	18.70	18.61	20	2
5	64QAM	1	12	18.81	18.86	18.83		
5	64QAM	1	24	18.58	18.61	18.58		
5	64QAM	12	0	17.66	17.71	17.65	19	3
5	64QAM	12	7	17.73	17.72	17.78		
5	64QAM	12	13	17.69	17.73	17.67		
5	64QAM	25	0	17.77	17.71	17.71		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	20.54	20.51	20.52	22	0
3	QPSK	1	8	20.80	20.79	20.80		
3	QPSK	1	14	20.51	20.52	20.57		
3	QPSK	8	0	19.72	19.68	19.68	21	1
3	QPSK	8	4	19.68	19.62	19.64		
3	QPSK	8	7	19.63	19.66	19.64		
3	QPSK	15	0	19.76	19.73	19.74		
3	16QAM	1	0	19.75	19.68	19.66	21	1
3	16QAM	1	8	20.04	20.04	20.04		
3	16QAM	1	14	19.75	19.75	19.78		
3	16QAM	8	0	18.58	18.61	18.59	20	2
3	16QAM	8	4	18.64	18.67	18.67		
3	16QAM	8	7	18.72	18.63	18.64		
3	16QAM	15	0	18.67	18.65	18.72		
3	64QAM	1	0	18.67	18.67	18.62	20	2
3	64QAM	1	8	18.90	18.90	18.85		
3	64QAM	1	14	18.63	18.57	18.60		
3	64QAM	8	0	17.68	17.69	17.67	19	3
3	64QAM	8	4	17.72	17.74	17.80		
3	64QAM	8	7	17.68	17.76	17.72		
3	64QAM	15	0	17.78	17.74	17.73		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	20.45	20.51	20.53	22	0
1.4	QPSK	1	3	20.75	20.75	20.74		
1.4	QPSK	1	5	20.55	20.49	20.50		
1.4	QPSK	3	0	20.54	20.53	20.48		
1.4	QPSK	3	1	20.41	20.41	20.42		
1.4	QPSK	3	3	20.46	20.51	20.51		
1.4	QPSK	6	0	19.70	19.76	19.69	21	1
1.4	16QAM	1	0	19.67	19.70	19.70	21	1
1.4	16QAM	1	3	20.09	20.12	20.05		
1.4	16QAM	1	5	19.74	19.79	19.74		
1.4	16QAM	3	0	19.93	19.94	19.97		
1.4	16QAM	3	1	19.94	19.99	19.94		
1.4	16QAM	3	3	19.95	19.99	19.96		
1.4	16QAM	6	0	18.72	18.70	18.74	20	2
1.4	64QAM	1	0	18.62	18.68	18.70	20	2
1.4	64QAM	1	3	18.85	18.83	18.81		
1.4	64QAM	1	5	18.63	18.61	18.57		
1.4	64QAM	3	0	18.96	18.92	18.96		
1.4	64QAM	3	1	18.59	18.59	18.58		
1.4	64QAM	3	3	18.97	18.98	18.56		
1.4	64QAM	6	0	17.75	17.74	17.69	19	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.76	22.84	22.73	24	0
20	QPSK	1	49	23.04	23.22	23.07		
20	QPSK	1	99	22.62	22.80	22.59		
20	QPSK	50	0	22.04	22.25	22.07	23	1
20	QPSK	50	24	22.01	22.22	22.03		
20	QPSK	50	50	22.01	22.15	21.92		
20	QPSK	100	0	21.98	22.17	21.96		
20	16QAM	1	0	22.06	22.15	21.98	23	1
20	16QAM	1	49	22.33	22.39	22.27		
20	16QAM	1	99	21.88	22.05	21.85		
20	16QAM	50	0	20.99	21.19	21.05	22	2
20	16QAM	50	24	21.01	21.20	21.02		
20	16QAM	50	50	21.02	21.16	20.88		
20	16QAM	100	0	20.99	21.18	20.93		
20	64QAM	1	0	20.84	20.95	20.96	22	2
20	64QAM	1	49	21.14	21.38	21.27		
20	64QAM	1	99	20.71	20.84	20.81		
20	64QAM	50	0	20.00	20.21	20.07	21	3
20	64QAM	50	24	20.05	20.21	20.04		
20	64QAM	50	50	20.00	20.10	19.91		
20	64QAM	100	0	19.97	20.17	19.96		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.67	22.68	22.64	24	0
15	QPSK	1	37	22.86	23.17	22.93		
15	QPSK	1	74	22.56	22.69	22.53		
15	QPSK	36	0	21.89	22.10	22.03	23	1
15	QPSK	36	20	21.97	22.21	22.01		
15	QPSK	36	39	22.00	22.04	21.83		
15	QPSK	75	0	21.85	22.12	21.78		
15	16QAM	1	0	21.91	22.12	21.79	23	1
15	16QAM	1	37	22.34	22.22	22.12		
15	16QAM	1	74	21.85	21.98	21.78		
15	16QAM	36	0	20.88	21.02	21.05	22	2
15	16QAM	36	20	20.89	21.16	20.86		
15	16QAM	36	39	20.91	21.10	20.72		
15	16QAM	75	0	20.83	21.06	20.79		
15	64QAM	1	0	20.66	20.89	20.90	22	2
15	64QAM	1	37	20.96	21.29	21.28		
15	64QAM	1	74	20.53	20.81	20.74		
15	64QAM	36	0	19.98	20.11	19.98	21	3
15	64QAM	36	20	19.99	20.18	19.88		
15	64QAM	36	39	19.87	20.03	19.88		
15	64QAM	75	0	19.92	20.02	19.95		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.62	22.79	22.67	24	0
10	QPSK	1	25	22.86	23.07	23.07		
10	QPSK	1	49	22.43	22.64	22.52		
10	QPSK	25	0	22.05	22.22	22.03	23	1
10	QPSK	25	12	21.91	22.19	21.92		
10	QPSK	25	25	21.90	22.13	21.77		
10	QPSK	50	0	21.88	22.16	21.84		
10	16QAM	1	0	22.02	22.07	21.90	23	1
10	16QAM	1	25	22.17	22.40	22.20		
10	16QAM	1	49	21.71	21.86	21.76		
10	16QAM	25	0	20.80	21.05	21.00	22	2
10	16QAM	25	12	20.89	21.09	20.97		
10	16QAM	25	25	20.95	21.06	20.81		
10	16QAM	50	0	20.84	21.01	20.85		
10	64QAM	1	0	20.84	20.77	20.85	22	2
10	64QAM	1	25	20.99	21.25	21.12		
10	64QAM	1	49	20.59	20.76	20.68		
10	64QAM	25	0	19.98	20.18	20.05	21	3
10	64QAM	25	12	19.90	20.05	20.03		
10	64QAM	25	25	19.94	19.93	19.89		
10	64QAM	50	0	19.80	20.00	19.92		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.71	22.74	22.66	24	0
5	QPSK	1	12	22.91	23.15	22.93		
5	QPSK	1	24	22.54	22.79	22.50		
5	QPSK	12	0	22.03	22.25	22.07	23	1
5	QPSK	12	7	21.85	22.15	21.86		
5	QPSK	12	13	22.02	22.10	21.77		
5	QPSK	25	0	21.99	22.14	21.95		
5	16QAM	1	0	22.05	22.15	21.89	23	1
5	16QAM	1	12	22.14	22.39	22.25		
5	16QAM	1	24	21.78	22.04	21.78		
5	16QAM	12	0	20.91	21.07	20.87	22	2
5	16QAM	12	7	20.93	21.20	20.92		
5	16QAM	12	13	20.88	21.13	20.83		
5	16QAM	25	0	20.84	21.12	20.86		
5	64QAM	1	0	20.81	20.86	20.86	22	2
5	64QAM	1	12	20.99	21.30	21.10		
5	64QAM	1	24	20.69	20.84	20.79		
5	64QAM	12	0	19.96	20.07	20.04	21	3
5	64QAM	12	7	20.00	20.22	19.96		
5	64QAM	12	13	19.84	19.96	19.84		
5	64QAM	25	0	19.92	20.08	19.94		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.58	22.75	22.60	24	0
3	QPSK	1	8	22.91	23.20	23.00		
3	QPSK	1	14	22.43	22.79	22.45		
3	QPSK	8	0	21.95	22.1	22.04	23	1
3	QPSK	8	4	22.02	22.20	22.01		
3	QPSK	8	7	21.96	22.04	21.81		
3	QPSK	15	0	21.81	21.98	21.78		
3	16QAM	1	0	21.96	22.04	21.87	23	1
3	16QAM	1	8	22.23	22.23	22.11		
3	16QAM	1	14	21.83	21.98	21.85		
3	16QAM	8	0	20.96	21.06	21.04	22	2
3	16QAM	8	4	20.83	21.08	21.01		
3	16QAM	8	7	21.01	21.02	20.78		
3	16QAM	15	0	20.93	20.99	20.85		
3	64QAM	1	0	20.77	20.82	20.93	22	2
3	64QAM	1	8	21.13	21.37	21.26		
3	64QAM	1	14	20.58	20.70	20.75		
3	64QAM	8	0	19.83	20.12	20.03	21	3
3	64QAM	8	4	19.91	20.02	19.99		
3	64QAM	8	7	19.99	19.96	19.72		
3	64QAM	15	0	19.91	20.17	19.87		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.97	22.91	23.13	24	0
1.4	QPSK	1	3	23.13	23.09	23.11		
1.4	QPSK	1	5	22.98	22.91	23.17		
1.4	QPSK	3	0	23.09	23.02	23.13		
1.4	QPSK	3	1	23.15	23.08	23.12		
1.4	QPSK	3	3	23.08	23.02	23.18		
1.4	QPSK	6	0	22.05	22.02	22.26	23	1
1.4	16QAM	1	0	22.25	22.11	22.32	23	1
1.4	16QAM	1	3	22.37	22.25	22.38		
1.4	16QAM	1	5	22.17	22.16	22.40		
1.4	16QAM	3	0	22.09	21.95	22.22		
1.4	16QAM	3	1	22.10	22.05	22.30		
1.4	16QAM	3	3	22.06	21.96	22.24		
1.4	16QAM	6	0	21.16	21.10	21.29	22	2
1.4	64QAM	1	0	21.19	21.06	21.26	22	2
1.4	64QAM	1	3	21.26	21.29	21.35		
1.4	64QAM	1	5	21.14	21.05	21.31		
1.4	64QAM	3	0	21.21	21.11	21.36		
1.4	64QAM	3	1	21.23	21.16	21.31		
1.4	64QAM	3	3	21.16	21.10	21.32		
1.4	64QAM	6	0	20.11	20.01	20.27	21	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.22	18.25	18.23	20	0
20	QPSK	1	49	18.64	18.66	18.58		
20	QPSK	1	99	18.05	18.14	18.12		
20	QPSK	50	0	17.67	17.68	17.65	19	1
20	QPSK	50	24	17.56	17.58	17.57		
20	QPSK	50	50	17.49	17.54	17.44		
20	QPSK	100	0	17.47	17.53	17.52		
20	16QAM	1	0	17.45	17.50	17.46	19	1
20	16QAM	1	49	17.90	17.93	17.84		
20	16QAM	1	99	17.44	17.52	17.47		
20	16QAM	50	0	16.64	16.66	16.60	18	2
20	16QAM	50	24	16.55	16.62	16.58		
20	16QAM	50	50	16.51	16.52	16.45		
20	16QAM	100	0	16.53	16.59	16.57		
20	64QAM	1	0	16.28	16.38	16.30	18	2
20	64QAM	1	49	16.76	16.83	16.81		
20	64QAM	1	99	16.27	16.35	16.34		
20	64QAM	50	0	15.70	15.71	15.64	17	3
20	64QAM	50	24	15.59	15.60	15.55		
20	64QAM	50	50	15.44	15.53	15.44		
20	64QAM	100	0	15.59	15.61	15.58		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.23	18.15	18.15	20	0
15	QPSK	1	37	18.60	18.61	18.61		
15	QPSK	1	74	18.10	18.12	18.09		
15	QPSK	36	0	17.59	17.60	17.64	19	1
15	QPSK	36	20	17.49	17.55	17.48		
15	QPSK	36	39	17.44	17.50	17.47		
15	QPSK	75	0	17.52	17.43	17.49		
15	16QAM	1	0	17.40	17.43	17.47	19	1
15	16QAM	1	37	17.85	17.92	17.83		
15	16QAM	1	74	17.51	17.44	17.47		
15	16QAM	36	0	16.63	16.57	16.63	18	2
15	16QAM	36	20	16.61	16.55	16.60		
15	16QAM	36	39	16.49	16.42	16.48		
15	16QAM	75	0	16.54	16.49	16.55		
15	64QAM	1	0	16.28	16.33	16.33	18	2
15	64QAM	1	37	16.75	16.76	16.79		
15	64QAM	1	74	16.26	16.33	16.26		
15	64QAM	36	0	15.68	15.70	15.64	17	3
15	64QAM	36	20	15.53	15.59	15.50		
15	64QAM	36	39	15.47	15.48	15.46		
15	64QAM	75	0	15.53	15.52	15.57		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.19	18.16	18.20	20	0
10	QPSK	1	25	18.65	18.65	18.61		
10	QPSK	1	49	18.10	18.09	18.10		
10	QPSK	25	0	17.62	17.61	17.61	19	1
10	QPSK	25	12	17.48	17.49	17.49		
10	QPSK	25	25	17.45	17.46	17.44		
10	QPSK	50	0	17.51	17.45	17.52		
10	16QAM	1	0	17.42	17.44	17.45	19	1
10	16QAM	1	25	17.85	17.85	17.92		
10	16QAM	1	49	17.42	17.43	17.48		
10	16QAM	25	0	16.61	16.59	16.56	18	2
10	16QAM	25	12	16.55	16.58	16.60		
10	16QAM	25	25	16.42	16.45	16.44		
10	16QAM	50	0	16.57	16.56	16.55		
10	64QAM	1	0	16.32	16.36	16.35	18	2
10	64QAM	1	25	16.74	16.80	16.73		
10	64QAM	1	49	16.29	16.32	16.28		
10	64QAM	25	0	15.70	15.67	15.69	17	3
10	64QAM	25	12	15.57	15.51	15.55		
10	64QAM	25	25	15.50	15.47	15.44		
10	64QAM	50	0	15.54	15.59	15.51		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.17	18.20	18.17	20	0
5	QPSK	1	12	18.57	18.56	18.58		
5	QPSK	1	24	18.07	18.04	18.05		
5	QPSK	12	0	17.64	17.63	17.66	19	1
5	QPSK	12	7	17.50	17.56	17.48		
5	QPSK	12	13	17.49	17.47	17.48		
5	QPSK	25	0	17.44	17.45	17.46		
5	16QAM	1	0	17.46	17.41	17.42	19	1
5	16QAM	1	12	17.87	17.88	17.92		
5	16QAM	1	24	17.50	17.42	17.42		
5	16QAM	12	0	16.57	16.56	16.63	18	2
5	16QAM	12	7	16.53	16.59	16.53		
5	16QAM	12	13	16.47	16.43	16.49		
5	16QAM	25	0	16.52	16.57	16.51		
5	64QAM	1	0	16.34	16.35	16.32	18	2
5	64QAM	1	12	16.77	16.79	16.78		
5	64QAM	1	24	16.32	16.28	16.29		
5	64QAM	12	0	15.67	15.70	15.63	17	3
5	64QAM	12	7	15.53	15.51	15.58		
5	64QAM	12	13	15.43	15.45	15.47		
5	64QAM	25	0	15.60	15.55	15.53		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.18	18.15	18.24	20	0
3	QPSK	1	8	18.63	18.62	18.59		
3	QPSK	1	14	18.09	18.06	18.12		
3	QPSK	8	0	17.66	17.58	17.67	19	1
3	QPSK	8	4	17.49	17.53	17.52		
3	QPSK	8	7	17.52	17.45	17.47		
3	QPSK	15	0	17.44	17.48	17.51		
3	16QAM	1	0	17.44	17.40	17.44	19	1
3	16QAM	1	8	17.86	17.88	17.89		
3	16QAM	1	14	17.51	17.45	17.45		
3	16QAM	8	0	16.62	16.59	16.63	18	2
3	16QAM	8	4	16.56	16.56	16.53		
3	16QAM	8	7	16.48	16.49	16.43		
3	16QAM	15	0	16.50	16.53	16.57		
3	64QAM	1	0	16.34	16.33	16.37	18	2
3	64QAM	1	8	16.75	16.78	16.75		
3	64QAM	1	14	16.28	16.32	16.25		
3	64QAM	8	0	15.62	15.63	15.61	17	3
3	64QAM	8	4	15.56	15.57	15.50		
3	64QAM	8	7	15.48	15.52	15.45		
3	64QAM	15	0	15.52	15.60	15.59		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.20	18.21	18.18	20	0
1.4	QPSK	1	3	18.62	18.57	18.59		
1.4	QPSK	1	5	18.07	18.04	18.11		
1.4	QPSK	3	0	18.42	18.35	18.33		
1.4	QPSK	3	1	18.27	18.24	18.30		
1.4	QPSK	3	3	18.21	18.23	18.26		
1.4	QPSK	6	0	17.48	17.43	17.52	19	1
1.4	16QAM	1	0	17.45	17.47	17.46	19	1
1.4	16QAM	1	3	17.87	17.89	17.90		
1.4	16QAM	1	5	17.47	17.44	17.43		
1.4	16QAM	3	0	17.31	17.33	17.31		
1.4	16QAM	3	1	17.34	17.33	17.34		
1.4	16QAM	3	3	17.20	17.22	17.21		
1.4	16QAM	6	0	16.51	16.51	16.49	18	2
1.4	64QAM	1	0	16.37	16.36	16.32	18	2
1.4	64QAM	1	3	16.75	16.82	16.73		
1.4	64QAM	1	5	16.28	16.27	16.25		
1.4	64QAM	3	0	16.36	16.43	16.44		
1.4	64QAM	3	1	16.34	16.29	16.26		
1.4	64QAM	3	3	16.26	16.27	16.22		
1.4	64QAM	6	0	15.52	15.58	15.59	17	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.05	23.04	23.02	24	0
20	QPSK	1	49	23.44	23.46	23.41		
20	QPSK	1	99	23.12	23.14	23.14		
20	QPSK	50	0	22.50	22.53	22.51	23	1
20	QPSK	50	24	22.48	22.49	22.41		
20	QPSK	50	50	22.48	22.47	22.49		
20	QPSK	100	0	22.49	22.51	22.48		
20	16QAM	1	0	22.29	22.29	22.28	23	1
20	16QAM	1	49	22.59	22.56	22.50		
20	16QAM	1	99	22.41	22.38	22.38		
20	16QAM	50	0	21.56	21.52	21.55	22	2
20	16QAM	50	24	21.55	21.56	21.59		
20	16QAM	50	50	21.59	21.52	21.59		
20	16QAM	100	0	21.55	21.57	21.57		
20	64QAM	1	0	21.22	21.21	21.19	22	2
20	64QAM	1	49	21.51	21.59	21.53		
20	64QAM	1	99	21.27	21.26	21.29		
20	64QAM	50	0	20.51	20.50	20.51	21	3
20	64QAM	50	24	20.57	20.46	20.51		
20	64QAM	50	50	20.55	20.58	20.57		
20	64QAM	100	0	20.58	20.56	20.55		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.94	22.92	22.94	24	0
15	QPSK	1	37	23.29	23.44	23.26		
15	QPSK	1	74	22.99	23.15	22.97		
15	QPSK	36	0	22.42	22.35	22.34	23	1
15	QPSK	36	20	22.49	22.36	22.25		
15	QPSK	36	39	22.39	22.28	22.44		
15	QPSK	75	0	22.49	22.38	22.34		
15	16QAM	1	0	22.17	22.15	22.27	23	1
15	16QAM	1	37	22.56	22.53	22.42		
15	16QAM	1	74	22.37	22.38	22.38		
15	16QAM	36	0	21.51	21.40	21.55	22	2
15	16QAM	36	20	21.36	21.47	21.49		
15	16QAM	36	39	21.48	21.34	21.56		
15	16QAM	75	0	21.53	21.58	21.51		
15	64QAM	1	0	21.08	21.09	21.05	22	2
15	64QAM	1	37	21.44	21.52	21.45		
15	64QAM	1	74	21.24	21.25	21.24		
15	64QAM	36	0	20.42	20.39	20.46	21	3
15	64QAM	36	20	20.46	20.30	20.41		
15	64QAM	36	39	20.45	20.48	20.45		
15	64QAM	75	0	20.44	20.48	20.49		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.06	22.95	22.94	24	0
10	QPSK	1	25	23.33	23.45	23.30		
10	QPSK	1	49	23.05	23.06	23.15		
10	QPSK	25	0	22.48	22.44	22.46	23	1
10	QPSK	25	12	22.36	22.42	22.40		
10	QPSK	25	25	22.30	22.31	22.38		
10	QPSK	50	0	22.39	22.34	22.48		
10	16QAM	1	0	22.11	22.22	22.11	23	1
10	16QAM	1	25	22.52	22.38	22.46		
10	16QAM	1	49	22.28	22.29	22.20		
10	16QAM	25	0	21.51	21.50	21.37	22	2
10	16QAM	25	12	21.43	21.54	21.57		
10	16QAM	25	25	21.51	21.39	21.56		
10	16QAM	50	0	21.52	21.44	21.54		
10	64QAM	1	0	21.22	21.15	21.14	22	2
10	64QAM	1	25	21.44	21.58	21.45		
10	64QAM	1	49	21.18	21.13	21.23		
10	64QAM	25	0	20.33	20.50	20.51	21	3
10	64QAM	25	12	20.48	20.34	20.42		
10	64QAM	25	25	20.41	20.52	20.50		
10	64QAM	50	0	20.53	20.57	20.50		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.86	23.04	23.03	24	0
5	QPSK	1	12	23.36	23.34	23.39		
5	QPSK	1	24	23.06	23.03	22.95		
5	QPSK	12	0	22.49	22.35	22.44	23	1
5	QPSK	12	7	22.35	22.46	22.26		
5	QPSK	12	13	22.31	22.35	22.48		
5	QPSK	25	0	22.50	22.40	22.34		
5	16QAM	1	0	22.25	22.30	22.28	23	1
5	16QAM	1	12	22.58	22.40	22.51		
5	16QAM	1	24	22.27	22.39	22.22		
5	16QAM	12	0	21.55	21.35	21.43	22	2
5	16QAM	12	7	21.48	21.57	21.47		
5	16QAM	12	13	21.42	21.36	21.46		
5	16QAM	25	0	21.40	21.52	21.56		
5	64QAM	1	0	21.22	21.04	21.09	22	2
5	64QAM	1	12	21.39	21.57	21.36		
5	64QAM	1	24	21.27	21.18	21.20		
5	64QAM	12	0	20.34	20.36	20.36	21	3
5	64QAM	12	7	20.39	20.47	20.48		
5	64QAM	12	13	20.38	20.57	20.55		
5	64QAM	25	0	20.55	20.50	20.51		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.58	17.68	17.63	19	0
20	QPSK	1	49	17.92	17.99	17.91		
20	QPSK	1	99	17.60	17.69	17.64		
20	QPSK	50	0	17.11	17.14	17.08	18	1
20	QPSK	50	24	17.01	17.07	17.02		
20	QPSK	50	50	16.98	17.05	16.95		
20	QPSK	100	0	17.05	17.11	17.07		
20	16QAM	1	0	16.84	16.93	16.84	18	1
20	16QAM	1	49	17.13	17.23	17.19		
20	16QAM	1	99	16.82	16.90	16.88		
20	16QAM	50	0	16.14	16.20	16.10	17	2
20	16QAM	50	24	16.18	16.19	16.17		
20	16QAM	50	50	15.99	16.05	16.03		
20	16QAM	100	0	16.04	16.10	16.05		
20	64QAM	1	0	15.81	15.85	15.75	17	2
20	64QAM	1	49	16.10	16.17	16.14		
20	64QAM	1	99	15.77	15.82	15.81		
20	64QAM	50	0	14.99	15.09	15.07	16	3
20	64QAM	50	24	15.11	15.14	15.09		
20	64QAM	50	50	14.99	15.07	14.99		
20	64QAM	100	0	15.04	15.07	15.02		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.67	17.62	17.64	19	0
15	QPSK	1	37	17.89	17.93	17.94		
15	QPSK	1	74	17.65	17.63	17.68		
15	QPSK	36	0	17.09	17.12	17.09	18	1
15	QPSK	36	20	17.01	16.99	16.99		
15	QPSK	36	39	16.98	16.95	17.00		
15	QPSK	75	0	17.09	17.03	17.06		
15	16QAM	1	0	16.86	16.91	16.88	18	1
15	16QAM	1	37	17.21	17.16	17.18		
15	16QAM	1	74	16.87	16.88	16.86		
15	16QAM	36	0	16.14	16.14	16.19	17	2
15	16QAM	36	20	16.09	16.15	16.12		
15	16QAM	36	39	16.01	16.01	15.96		
15	16QAM	75	0	16.07	16.06	16.06		
15	64QAM	1	0	15.81	15.82	15.81	17	2
15	64QAM	1	37	16.11	16.08	16.14		
15	64QAM	1	74	15.74	15.75	15.73		
15	64QAM	36	0	15.07	15.03	14.99	16	3
15	64QAM	36	20	15.09	15.12	15.08		
15	64QAM	36	39	14.99	15.02	15.01		
15	64QAM	75	0	14.99	15.01	15.02		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.66	17.65	17.67	19	0
10	QPSK	1	25	17.90	17.95	17.97		
10	QPSK	1	49	17.62	17.66	17.61		
10	QPSK	25	0	17.06	17.12	17.07	18	1
10	QPSK	25	12	17.02	16.97	16.99		
10	QPSK	25	25	16.99	16.97	17.01		
10	QPSK	50	0	17.03	17.06	17.08		
10	16QAM	1	0	16.83	16.88	16.86	18	1
10	16QAM	1	25	17.21	17.22	17.17		
10	16QAM	1	49	16.80	16.81	16.81		
10	16QAM	25	0	16.16	16.10	16.16	17	2
10	16QAM	25	12	16.13	16.09	16.18		
10	16QAM	25	25	16.02	16.04	15.97		
10	16QAM	50	0	16.00	16.07	16.01		
10	64QAM	1	0	15.75	15.84	15.81	17	2
10	64QAM	1	25	16.10	16.12	16.11		
10	64QAM	1	49	15.75	15.76	15.72		
10	64QAM	25	0	15.08	15.05	15.04	16	3
10	64QAM	25	12	15.11	15.07	15.04		
10	64QAM	25	25	14.97	14.99	15.05		
10	64QAM	50	0	15.00	15.04	15.05		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.65	17.65	17.66	19	0
5	QPSK	1	12	17.95	17.96	17.92		
5	QPSK	1	24	17.68	17.66	17.61		
5	QPSK	12	0	17.07	17.10	17.06	18	1
5	QPSK	12	7	16.97	17.03	17.01		
5	QPSK	12	13	17.00	17.00	17.02		
5	QPSK	25	0	17.04	17.07	17.04		
5	16QAM	1	0	16.89	16.90	16.86	18	1
5	16QAM	1	12	17.18	17.18	17.15		
5	16QAM	1	24	16.82	16.86	16.80		
5	16QAM	12	0	16.14	16.19	16.16	17	2
5	16QAM	12	7	16.14	16.14	16.11		
5	16QAM	12	13	15.99	16.02	16.04		
5	16QAM	25	0	16.05	16.07	16.03		
5	64QAM	1	0	15.81	15.78	15.76	17	2
5	64QAM	1	12	16.13	16.14	16.12		
5	64QAM	1	24	15.75	15.80	15.73		
5	64QAM	12	0	15.06	15.00	15.01	16	3
5	64QAM	12	7	15.06	15.12	15.13		
5	64QAM	12	13	14.98	15.00	14.98		
5	64QAM	25	0	15.02	15.06	15.06		

Reduced Power Mode for ECI3

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.07	32.16	32.14	**33.50**	23.07	23.16	23.14	24.50
GPRS 1 Tx slot	32.05	32.14	32.12	**33.50**	23.05	23.14	23.12	24.50
GPRS 2 Tx slots	29.98	30.14	30.03	**31.50**	23.98	24.14	24.03	25.50
GPRS 3 Tx slots	28.00	28.08	28.02	**29.50**	23.74	23.82	23.76	25.24
GPRS 4 Tx slots	26.03	26.16	26.05	**27.50**	23.03	23.16	23.05	24.50
EDGE 1 Tx slot	26.36	26.33	26.26	**27.50**	17.36	17.33	17.26	18.50
EDGE 2 Tx slots	24.21	24.33	24.09	**25.50**	18.21	18.33	18.09	19.50
EDGE 3 Tx slots	22.25	22.31	22.18	**23.50**	17.99	18.05	17.92	19.24
EDGE 4 Tx slots	20.09	20.01	19.97	**21.00**	17.09	17.01	16.97	18.00

GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.59	27.69	27.61	**28.50**	18.59	18.69	18.61	19.50
GPRS 1 Tx slot	27.57	27.59	27.53	**28.50**	18.57	18.59	18.53	19.50
GPRS 2 Tx slots	25.36	25.43	25.33	**26.50**	19.36	19.43	19.33	20.50
GPRS 3 Tx slots	23.36	23.40	23.37	**24.50**	19.10	19.14	19.11	20.24
GPRS 4 Tx slots	21.48	21.49	21.39	**22.50**	18.48	18.49	18.39	19.50
EDGE 1 Tx slot	23.88	23.92	23.86	**24.50**	14.88	14.92	14.86	15.50
EDGE 2 Tx slots	21.91	21.95	21.91	**22.50**	15.91	15.95	15.91	16.50
EDGE 3 Tx slots	19.67	19.76	19.71	**20.50**	15.41	15.50	15.45	16.24
EDGE 4 Tx slots	17.32	17.42	17.39	**18.50**	14.32	14.42	14.39	15.50

Band		WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA IV_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	18.69	18.72	18.67	**19.50**	19.57	19.61	19.54	**20.50**	23.09	23.12	23.01	**24.00**
3GPP Rel 99	RMC 12.2Kbps	18.74	18.76	18.75	**19.50**	19.62	19.64	19.61	**20.50**	23.10	23.13	23.07	**24.00**
3GPP Rel 6	HSDPA Subtest-1	17.63	17.64	17.57	**18.50**	18.58	18.66	18.59	**19.50**	22.17	22.12	22.14	**23.00**
3GPP Rel 6	HSDPA Subtest-2	17.48	17.58	17.50	**18.50**	18.58	18.59	18.51	**19.50**	22.18	22.06	22.01	**23.00**
3GPP Rel 6	HSDPA Subtest-3	17.07	17.10	17.09	**18.00**	18.00	18.02	17.97	**19.00**	21.68	21.53	21.54	**22.50**
3GPP Rel 6	HSDPA Subtest-4	17.03	17.08	16.99	**18.00**	18.03	18.06	18.05	**19.00**	21.70	21.50	21.46	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-1	17.43	17.53	17.52	**18.50**	18.53	18.54	18.52	**19.50**	21.68	21.72	21.76	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-2	17.56	17.59	17.53	**18.50**	18.57	18.60	18.58	**19.50**	21.74	21.86	21.84	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-3	17.16	17.25	17.23	**18.00**	17.95	17.99	17.93	**19.00**	21.22	21.34	21.25	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-4	17.11	17.15	17.14	**18.00**	17.79	17.82	17.76	**19.00**	21.22	21.06	21.13	**22.50**
3GPP Rel 6	HSUPA Subtest-1	15.65	15.67	15.59	**17.00**	16.55	16.59	16.56	**18.00**	20.24	20.27	20.20	**21.50**
3GPP Rel 6	HSUPA Subtest-2	15.63	15.71	15.69	**17.00**	16.47	16.55	16.53	**18.00**	20.03	20.04	20.02	**21.50**
3GPP Rel 6	HSUPA Subtest-3	16.66	16.71	16.61	**18.00**	17.64	17.67	17.62	**19.00**	21.13	21.16	21.10	**22.50**
3GPP Rel 6	HSUPA Subtest-4	15.05	15.07	14.97	**16.50**	15.93	16.03	16.01	**17.50**	19.61	19.60	19.61	**21.00**
3GPP Rel 6	HSUPA Subtest-5	16.55	16.62	16.60	**18.00**	17.51	17.57	17.52	**19.00**	21.00	21.00	21.00	**22.50**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.20	15.25	15.16	**16.50**	15.95	16.03	15.95	**17.50**	19.94	20.05	19.71	**21.00**

Band 2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.26	18.33	18.28	19.5	0
20	QPSK	1	49	18.62	18.66	18.62		
20	QPSK	1	99	18.11	18.16	18.13		
20	QPSK	50	0	17.61	17.63	17.59	18.5	1
20	QPSK	50	24	17.58	17.62	17.53		
20	QPSK	50	50	17.55	17.56	17.52		
20	QPSK	100	0	17.55	17.65	17.62		
20	16QAM	1	0	17.63	17.64	17.63	18.5	1
20	16QAM	1	49	17.82	17.90	17.81		
20	16QAM	1	99	17.36	17.45	17.38		
20	16QAM	50	0	16.56	16.65	16.58	17.5	2
20	16QAM	50	24	16.48	16.51	16.42		
20	16QAM	50	50	16.46	16.54	16.46		
20	16QAM	100	0	16.46	16.53	16.43		
20	64QAM	1	0	16.33	16.42	16.33	17.5	2
20	64QAM	1	49	16.69	16.72	16.69		
20	64QAM	1	99	16.20	16.23	16.21		
20	64QAM	50	0	15.66	15.68	15.63	16.5	3
20	64QAM	50	24	15.50	15.60	15.52		
20	64QAM	50	50	15.37	15.47	15.38		
20	64QAM	100	0	15.53	15.60	15.50		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.26	18.32	18.31	19.5	0
15	QPSK	1	37	18.63	18.60	18.58		
15	QPSK	1	74	18.14	18.07	18.08		
15	QPSK	36	0	17.55	17.59	17.60	18.5	1
15	QPSK	36	20	17.57	17.54	17.52		
15	QPSK	36	39	17.50	17.53	17.52		
15	QPSK	75	0	17.57	17.62	17.57		
15	16QAM	1	0	17.55	17.60	17.63	18.5	1
15	16QAM	1	37	17.85	17.87	17.82		
15	16QAM	1	74	17.44	17.35	17.35		
15	16QAM	36	0	16.63	16.60	16.61	17.5	2
15	16QAM	36	20	16.43	16.42	16.47		
15	16QAM	36	39	16.47	16.53	16.51		
15	16QAM	75	0	16.48	16.52	16.50		
15	64QAM	1	0	16.33	16.37	16.39	17.5	2
15	64QAM	1	37	16.71	16.67	16.65		
15	64QAM	1	74	16.20	16.20	16.16		
15	64QAM	36	0	15.58	15.59	15.62	16.5	3
15	64QAM	36	20	15.51	15.57	15.59		
15	64QAM	36	39	15.37	15.45	15.37		
15	64QAM	75	0	15.52	15.57	15.55		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.31	18.31	18.31	19.5	0
10	QPSK	1	25	18.65	18.57	18.64		
10	QPSK	1	49	18.13	18.12	18.06		
10	QPSK	25	0	17.55	17.56	17.54	18.5	1
10	QPSK	25	12	17.53	17.52	17.55		
10	QPSK	25	25	17.52	17.48	17.49		
10	QPSK	50	0	17.57	17.61	17.60		
10	16QAM	1	0	17.61	17.57	17.59	18.5	1
10	16QAM	1	25	17.80	17.85	17.83		
10	16QAM	1	49	17.36	17.39	17.41		
10	16QAM	25	0	16.58	16.57	16.61	17.5	2
10	16QAM	25	12	16.49	16.47	16.44		
10	16QAM	25	25	16.47	16.53	16.45		
10	16QAM	50	0	16.47	16.49	16.47		
10	64QAM	1	0	16.35	16.40	16.40	17.5	2
10	64QAM	1	25	16.64	16.67	16.66		
10	64QAM	1	49	16.19	16.14	16.18		
10	64QAM	25	0	15.64	15.66	15.64	16.5	3
10	64QAM	25	12	15.53	15.54	15.55		
10	64QAM	25	25	15.44	15.42	15.38		
10	64QAM	50	0	15.59	15.57	15.56		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.31	18.30	18.27	19.5	0
5	QPSK	1	12	18.63	18.64	18.63		
5	QPSK	1	24	18.11	18.10	18.15		
5	QPSK	12	0	17.53	17.57	17.53	18.5	1
5	QPSK	12	7	17.57	17.54	17.55		
5	QPSK	12	13	17.53	17.50	17.49		
5	QPSK	25	0	17.64	17.57	17.55		
5	16QAM	1	0	17.60	17.62	17.60	18.5	1
5	16QAM	1	12	17.84	17.88	17.88		
5	16QAM	1	24	17.37	17.38	17.43		
5	16QAM	12	0	16.60	16.61	16.63	17.5	2
5	16QAM	12	7	16.48	16.47	16.49		
5	16QAM	12	13	16.44	16.47	16.44		
5	16QAM	25	0	16.43	16.51	16.45		
5	64QAM	1	0	16.39	16.39	16.36	17.5	2
5	64QAM	1	12	16.64	16.69	16.67		
5	64QAM	1	24	16.21	16.18	16.19		
5	64QAM	12	0	15.60	15.66	15.67	16.5	3
5	64QAM	12	7	15.57	15.58	15.59		
5	64QAM	12	13	15.44	15.43	15.41		
5	64QAM	25	0	15.57	15.50	15.55		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.24	18.30	18.23	19.5	0
3	QPSK	1	8	18.65	18.65	18.57		
3	QPSK	1	14	18.07	18.08	18.07		
3	QPSK	8	0	17.59	17.54	17.60	18.5	1
3	QPSK	8	4	17.56	17.60	17.58		
3	QPSK	8	7	17.48	17.48	17.54		
3	QPSK	15	0	17.55	17.63	17.55		
3	16QAM	1	0	17.63	17.63	17.54	18.5	1
3	16QAM	1	8	17.81	17.82	17.81		
3	16QAM	1	14	17.42	17.39	17.44		
3	16QAM	8	0	16.62	16.59	16.60	17.5	2
3	16QAM	8	4	16.46	16.50	16.47		
3	16QAM	8	7	16.47	16.47	16.47		
3	16QAM	15	0	16.49	16.48	16.44		
3	64QAM	1	0	16.39	16.34	16.35	17.5	2
3	64QAM	1	8	16.68	16.71	16.66		
3	64QAM	1	14	16.18	16.17	16.22		
3	64QAM	8	0	15.65	15.65	15.66	16.5	3
3	64QAM	8	4	15.59	15.55	15.55		
3	64QAM	8	7	15.40	15.41	15.44		
3	64QAM	15	0	15.53	15.55	15.54		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.30	18.30	18.25	19.5	0
1.4	QPSK	1	3	18.65	18.64	18.57		
1.4	QPSK	1	5	18.06	18.12	18.15		
1.4	QPSK	3	0	18.36	18.34	18.35		
1.4	QPSK	3	1	18.37	18.41	18.40		
1.4	QPSK	3	3	18.32	18.32	18.30		
1.4	QPSK	6	0	17.56	17.56	17.55	18.5	1
1.4	16QAM	1	0	17.62	17.61	17.56	18.5	1
1.4	16QAM	1	3	17.85	17.81	17.84		
1.4	16QAM	1	5	17.42	17.40	17.42		
1.4	16QAM	3	0	17.39	17.44	17.36		
1.4	16QAM	3	1	17.25	17.30	17.27		
1.4	16QAM	3	3	17.28	17.32	17.33		
1.4	16QAM	6	0	16.45	16.48	16.44	17.5	2
1.4	64QAM	1	0	16.34	16.34	16.34	17.5	2
1.4	64QAM	1	3	16.64	16.68	16.67		
1.4	64QAM	1	5	16.20	16.19	16.14		
1.4	64QAM	3	0	16.38	16.41	16.44		
1.4	64QAM	3	1	16.38	16.30	16.37		
1.4	64QAM	3	3	16.17	16.18	16.25		
1.4	64QAM	6	0	15.51	15.59	15.58	16.5	3

Band 2_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	15.35	15.37	15.32	17	0
20	QPSK	1	49	15.63	15.69	15.63		
20	QPSK	1	99	15.24	15.31	15.26		
20	QPSK	50	0	14.58	14.63	14.55	16	1
20	QPSK	50	24	14.55	14.60	14.52		
20	QPSK	50	50	14.51	14.54	14.45		
20	QPSK	100	0	14.46	14.52	14.47		
20	16QAM	1	0	14.51	14.57	14.48	16	1
20	16QAM	1	49	14.75	14.82	14.76		
20	16QAM	1	99	14.37	14.43	14.38		
20	16QAM	50	0	13.53	13.54	13.46	15	2
20	16QAM	50	24	13.50	13.52	13.49		
20	16QAM	50	50	13.38	13.45	13.36		
20	16QAM	100	0	13.50	13.52	13.45		
20	64QAM	1	0	13.35	13.42	13.33	15	2
20	64QAM	1	49	13.74	13.79	13.70		
20	64QAM	1	99	13.24	13.29	13.19		
20	64QAM	50	0	12.60	12.67	12.62	14	3
20	64QAM	50	24	12.56	12.59	12.55		
20	64QAM	50	50	12.37	12.45	12.36		
20	64QAM	100	0	12.49	12.56	12.48		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.32	15.33	15.36	17	0
15	QPSK	1	37	15.59	15.67	15.61		
15	QPSK	1	74	15.27	15.22	15.30		
15	QPSK	36	0	14.58	14.62	14.57	16	1
15	QPSK	36	20	14.51	14.56	14.59		
15	QPSK	36	39	14.45	14.48	14.47		
15	QPSK	75	0	14.48	14.47	14.45		
15	16QAM	1	0	14.51	14.49	14.52	16	1
15	16QAM	1	37	14.73	14.80	14.76		
15	16QAM	1	74	14.35	14.34	14.37		
15	16QAM	36	0	13.49	13.47	13.45	15	2
15	16QAM	36	20	13.48	13.50	13.43		
15	16QAM	36	39	13.39	13.43	13.38		
15	16QAM	75	0	13.48	13.47	13.42		
15	64QAM	1	0	13.33	13.38	13.40	15	2
15	64QAM	1	37	13.76	13.72	13.75		
15	64QAM	1	74	13.21	13.26	13.20		
15	64QAM	36	0	12.66	12.62	12.64	14	3
15	64QAM	36	20	12.55	12.56	12.53		
15	64QAM	36	39	12.35	12.36	12.38		
15	64QAM	75	0	12.54	12.50	12.47		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.33	15.34	15.27	17	0
10	QPSK	1	25	15.63	15.66	15.68		
10	QPSK	1	49	15.28	15.25	15.25		
10	QPSK	25	0	14.55	14.59	14.53	16	1
10	QPSK	25	12	14.56	14.52	14.54		
10	QPSK	25	25	14.50	14.52	14.48		
10	QPSK	50	0	14.50	14.45	14.42		
10	16QAM	1	0	14.54	14.55	14.48	16	1
10	16QAM	1	25	14.74	14.75	14.76		
10	16QAM	1	49	14.36	14.33	14.34		
10	16QAM	25	0	13.45	13.53	13.51	15	2
10	16QAM	25	12	13.48	13.48	13.46		
10	16QAM	25	25	13.44	13.35	13.40		
10	16QAM	50	0	13.51	13.44	13.45		
10	64QAM	1	0	13.34	13.39	13.35	15	2
10	64QAM	1	25	13.72	13.74	13.73		
10	64QAM	1	49	13.28	13.23	13.19		
10	64QAM	25	0	12.66	12.65	12.58	14	3
10	64QAM	25	12	12.54	12.58	12.50		
10	64QAM	25	25	12.40	12.39	12.36		
10	64QAM	50	0	12.51	12.47	12.51		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.31	15.35	15.30	17	0
5	QPSK	1	12	15.60	15.63	15.68		
5	QPSK	1	24	15.30	15.27	15.22		
5	QPSK	12	0	14.58	14.55	14.58	16	1
5	QPSK	12	7	14.55	14.52	14.54		
5	QPSK	12	13	14.53	14.48	14.45		
5	QPSK	25	0	14.44	14.50	14.51		
5	16QAM	1	0	14.54	14.51	14.47	16	1
5	16QAM	1	12	14.78	14.76	14.81		
5	16QAM	1	24	14.38	14.34	14.33		
5	16QAM	12	0	13.45	13.53	13.49	15	2
5	16QAM	12	7	13.42	13.42	13.42		
5	16QAM	12	13	13.39	13.44	13.37		
5	16QAM	25	0	13.46	13.49	13.45		
5	64QAM	1	0	13.36	13.36	13.37	15	2
5	64QAM	1	12	13.76	13.78	13.72		
5	64QAM	1	24	13.21	13.22	13.27		
5	64QAM	12	0	12.65	12.64	12.61	14	3
5	64QAM	12	7	12.49	12.58	12.49		
5	64QAM	12	13	12.35	12.38	12.44		
5	64QAM	25	0	12.49	12.46	12.53		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.32	15.32	15.32	17	0
3	QPSK	1	8	15.62	15.61	15.61		
3	QPSK	1	14	15.28	15.21	15.23		
3	QPSK	8	0	14.57	14.58	14.58	16	1
3	QPSK	8	4	14.54	14.51	14.56		
3	QPSK	8	7	14.47	14.45	14.48		
3	QPSK	15	0	14.50	14.50	14.47		
3	16QAM	1	0	14.47	14.48	14.53	16	1
3	16QAM	1	8	14.81	14.74	14.78		
3	16QAM	1	14	14.35	14.39	14.40		
3	16QAM	8	0	13.50	13.47	13.46	15	2
3	16QAM	8	4	13.50	13.42	13.49		
3	16QAM	8	7	13.44	13.44	13.39		
3	16QAM	15	0	13.46	13.50	13.51		
3	64QAM	1	0	13.32	13.39	13.32	15	2
3	64QAM	1	8	13.71	13.73	13.70		
3	64QAM	1	14	13.20	13.26	13.19		
3	64QAM	8	0	12.66	12.64	12.57	14	3
3	64QAM	8	4	12.57	12.57	12.50		
3	64QAM	8	7	12.40	12.36	12.41		
3	64QAM	15	0	12.52	12.49	12.54		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.29	15.32	15.28	17	0
1.4	QPSK	1	3	15.66	15.66	15.64		
1.4	QPSK	1	5	15.25	15.22	15.21		
1.4	QPSK	3	0	15.36	15.34	15.36		
1.4	QPSK	3	1	15.37	15.30	15.39		
1.4	QPSK	3	3	15.27	15.27	15.30		
1.4	QPSK	6	0	14.47	14.44	14.49	16	1
1.4	16QAM	1	0	14.50	14.56	14.55	16	1
1.4	16QAM	1	3	14.76	14.77	14.78		
1.4	16QAM	1	5	14.33	14.38	14.36		
1.4	16QAM	3	0	14.30	14.29	14.29		
1.4	16QAM	3	1	14.22	14.24	14.23		
1.4	16QAM	3	3	14.19	14.20	14.17		
1.4	16QAM	6	0	13.50	13.50	13.51	15	2
1.4	64QAM	1	0	13.35	13.41	13.36	15	2
1.4	64QAM	1	3	13.73	13.71	13.78		
1.4	64QAM	1	5	13.26	13.24	13.23		
1.4	64QAM	3	0	13.46	13.42	13.40		
1.4	64QAM	3	1	13.38	13.30	13.31		
1.4	64QAM	3	3	13.17	13.21	13.17		
1.4	64QAM	6	0	12.54	12.54	12.53	14	3

Band 4_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.30	19.37	19.32	20.5	0
20	QPSK	1	49	19.63	19.65	19.62		
20	QPSK	1	99	19.17	19.19	19.17		
20	QPSK	50	0	18.63	18.65	18.61	19.5	1
20	QPSK	50	24	18.52	18.62	18.60		
20	QPSK	50	50	18.51	18.56	18.50		
20	QPSK	100	0	18.57	18.59	18.53		
20	16QAM	1	0	18.53	18.62	18.54	19.5	1
20	16QAM	1	49	18.75	18.85	18.84		
20	16QAM	1	99	18.38	18.42	18.38		
20	16QAM	50	0	17.55	17.59	17.50	18.5	2
20	16QAM	50	24	17.49	17.56	17.50		
20	16QAM	50	50	17.54	17.57	17.49		
20	16QAM	100	0	17.45	17.54	17.44		
20	64QAM	1	0	17.39	17.48	17.43	18.5	2
20	64QAM	1	49	17.76	17.81	17.80		
20	64QAM	1	99	17.17	17.25	17.18		
20	64QAM	50	0	16.55	16.64	16.59	17.5	3
20	64QAM	50	24	16.61	16.63	16.60		
20	64QAM	50	50	16.53	16.58	16.51		
20	64QAM	100	0	16.54	16.56	16.50		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.27	19.29	19.27	20.5	0
15	QPSK	1	37	19.62	19.63	19.55		
15	QPSK	1	74	19.12	19.10	19.13		
15	QPSK	36	0	18.56	18.62	18.58	19.5	1
15	QPSK	36	20	18.55	18.54	18.56		
15	QPSK	36	39	18.51	18.47	18.48		
15	QPSK	75	0	18.55	18.50	18.50		
15	16QAM	1	0	18.61	18.61	18.54	19.5	1
15	16QAM	1	37	18.81	18.76	18.84		
15	16QAM	1	74	18.38	18.40	18.36		
15	16QAM	36	0	17.49	17.49	17.54	18.5	2
15	16QAM	36	20	17.48	17.53	17.47		
15	16QAM	36	39	17.47	17.48	17.56		
15	16QAM	75	0	17.51	17.46	17.52		
15	64QAM	1	0	17.46	17.42	17.46	18.5	2
15	64QAM	1	37	17.79	17.71	17.75		
15	64QAM	1	74	17.18	17.22	17.16		
15	64QAM	36	0	16.60	16.61	16.61	17.5	3
15	64QAM	36	20	16.53	16.56	16.55		
15	64QAM	36	39	16.54	16.53	16.49		
15	64QAM	75	0	16.48	16.55	16.53		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.31	19.31	19.33	20.5	0
10	QPSK	1	25	19.55	19.63	19.55		
10	QPSK	1	49	19.11	19.11	19.17		
10	QPSK	25	0	18.61	18.55	18.59	19.5	1
10	QPSK	25	12	18.54	18.59	18.57		
10	QPSK	25	25	18.50	18.49	18.53		
10	QPSK	50	0	18.55	18.54	18.58		
10	16QAM	1	0	18.60	18.53	18.53	19.5	1
10	16QAM	1	25	18.77	18.84	18.80		
10	16QAM	1	49	18.39	18.38	18.38		
10	16QAM	25	0	17.55	17.57	17.57	18.5	2
10	16QAM	25	12	17.50	17.55	17.54		
10	16QAM	25	25	17.47	17.54	17.54		
10	16QAM	50	0	17.48	17.50	17.49		
10	64QAM	1	0	17.43	17.43	17.38	18.5	2
10	64QAM	1	25	17.73	17.73	17.71		
10	64QAM	1	49	17.23	17.17	17.19		
10	64QAM	25	0	16.56	16.54	16.62	17.5	3
10	64QAM	25	12	16.55	16.57	16.60		
10	64QAM	25	25	16.53	16.57	16.48		
10	64QAM	50	0	16.49	16.54	16.52		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.27	19.35	19.31	20.5	0
5	QPSK	1	12	19.60	19.58	19.64		
5	QPSK	1	24	19.15	19.14	19.17		
5	QPSK	12	0	18.62	18.55	18.60	19.5	1
5	QPSK	12	7	18.54	18.54	18.54		
5	QPSK	12	13	18.47	18.52	18.51		
5	QPSK	25	0	18.55	18.55	18.49		
5	16QAM	1	0	18.60	18.56	18.59	19.5	1
5	16QAM	1	12	18.82	18.81	18.77		
5	16QAM	1	24	18.34	18.41	18.33		
5	16QAM	12	0	17.55	17.58	17.53	18.5	2
5	16QAM	12	7	17.50	17.48	17.53		
5	16QAM	12	13	17.49	17.47	17.53		
5	16QAM	25	0	17.44	17.48	17.45		
5	64QAM	1	0	17.38	17.46	17.41	18.5	2
5	64QAM	1	12	17.74	17.80	17.76		
5	64QAM	1	24	17.23	17.22	17.24		
5	64QAM	12	0	16.63	16.54	16.55	17.5	3
5	64QAM	12	7	16.59	16.53	16.54		
5	64QAM	12	13	16.48	16.51	16.53		
5	64QAM	25	0	16.54	16.47	16.47		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.29	19.31	19.29	20.5	0
3	QPSK	1	8	19.55	19.63	19.58		
3	QPSK	1	14	19.15	19.17	19.11		
3	QPSK	8	0	18.61	18.59	18.58	19.5	1
3	QPSK	8	4	18.60	18.55	18.60		
3	QPSK	8	7	18.52	18.52	18.50		
3	QPSK	15	0	18.52	18.56	18.53		
3	16QAM	1	0	18.56	18.58	18.56	19.5	1
3	16QAM	1	8	18.84	18.83	18.83		
3	16QAM	1	14	18.37	18.38	18.36		
3	16QAM	8	0	17.57	17.55	17.51	18.5	2
3	16QAM	8	4	17.48	17.50	17.50		
3	16QAM	8	7	17.48	17.51	17.47		
3	16QAM	15	0	17.46	17.44	17.51		
3	64QAM	1	0	17.42	17.43	17.42	18.5	2
3	64QAM	1	8	17.72	17.78	17.77		
3	64QAM	1	14	17.15	17.24	17.19		
3	64QAM	8	0	16.56	16.58	16.56	17.5	3
3	64QAM	8	4	16.56	16.57	16.56		
3	64QAM	8	7	16.48	16.50	16.49		
3	64QAM	15	0	16.47	16.54	16.46		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.34	19.35	19.36	20.5	0
1.4	QPSK	1	3	19.63	19.58	19.63		
1.4	QPSK	1	5	19.11	19.13	19.13		
1.4	QPSK	3	0	19.40	19.42	19.37		
1.4	QPSK	3	1	19.39	19.33	19.41		
1.4	QPSK	3	3	19.32	19.32	19.34		
1.4	QPSK	6	0	18.58	18.57	18.50	19.5	1
1.4	16QAM	1	0	18.56	18.57	18.52	19.5	1
1.4	16QAM	1	3	18.80	18.82	18.75		
1.4	16QAM	1	5	18.32	18.38	18.38		
1.4	16QAM	3	0	18.36	18.33	18.35		
1.4	16QAM	3	1	18.29	18.35	18.34		
1.4	16QAM	3	3	18.33	18.35	18.31		
1.4	16QAM	6	0	17.44	17.50	17.53	18.5	2
1.4	64QAM	1	0	17.41	17.44	17.44	18.5	2
1.4	64QAM	1	3	17.80	17.76	17.76		
1.4	64QAM	1	5	17.22	17.19	17.20		
1.4	64QAM	3	0	17.40	17.39	17.37		
1.4	64QAM	3	1	17.36	17.35	17.38		
1.4	64QAM	3	3	17.31	17.35	17.33		
1.4	64QAM	6	0	16.53	16.51	16.50	17.5	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.67	17.76	17.72	19.5	0
20	QPSK	1	49	18.02	18.06	17.96		
20	QPSK	1	99	17.57	17.66	17.58		
20	QPSK	50	0	16.99	17.02	16.99	18.5	1
20	QPSK	50	24	16.96	16.99	16.96		
20	QPSK	50	50	16.97	16.98	16.96		
20	QPSK	100	0	16.92	17.01	16.96		
20	16QAM	1	0	17.00	17.07	16.98	18.5	1
20	16QAM	1	49	17.19	17.28	17.23		
20	16QAM	1	99	16.74	16.79	16.70		
20	16QAM	50	0	15.93	16.02	15.95	17.5	2
20	16QAM	50	24	15.93	16.01	15.95		
20	16QAM	50	50	15.82	15.91	15.82		
20	16QAM	100	0	15.91	15.94	15.88		
20	64QAM	1	0	15.93	15.98	15.92	17.5	2
20	64QAM	1	49	16.18	16.23	16.22		
20	64QAM	1	99	15.67	15.73	15.65		
20	64QAM	50	0	14.96	15.03	14.95	16.5	3
20	64QAM	50	24	14.98	15.03	14.97		
20	64QAM	50	50	14.85	14.93	14.89		
20	64QAM	100	0	14.89	14.96	14.89		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.75	17.67	17.66	19.5	0
15	QPSK	1	37	18.01	17.97	17.96		
15	QPSK	1	74	17.65	17.65	17.60		
15	QPSK	36	0	16.97	17.01	17.00	18.5	1
15	QPSK	36	20	16.94	16.92	16.92		
15	QPSK	36	39	16.92	16.96	16.91		
15	QPSK	75	0	16.98	16.94	16.91		
15	16QAM	1	0	17.06	17.04	17.02	18.5	1
15	16QAM	1	37	17.18	17.18	17.23		
15	16QAM	1	74	16.78	16.76	16.76		
15	16QAM	36	0	16.00	16.01	15.98	17.5	2
15	16QAM	36	20	15.99	15.98	15.92		
15	16QAM	36	39	15.84	15.82	15.90		
15	16QAM	75	0	15.89	15.88	15.89		
15	64QAM	1	0	15.91	15.97	15.96	17.5	2
15	64QAM	1	37	16.22	16.22	16.20		
15	64QAM	1	74	15.66	15.67	15.64		
15	64QAM	36	0	15.02	14.98	14.94	16.5	3
15	64QAM	36	20	14.94	14.95	14.93		
15	64QAM	36	39	14.88	14.90	14.84		
15	64QAM	75	0	14.88	14.91	14.86		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.69	17.73	17.71	19.5	0
10	QPSK	1	25	17.99	17.98	18.05		
10	QPSK	1	49	17.56	17.64	17.65		
10	QPSK	25	0	16.96	17.00	16.94	18.5	1
10	QPSK	25	12	16.96	16.94	16.92		
10	QPSK	25	25	16.96	16.93	16.92		
10	QPSK	50	0	16.95	16.93	16.91		
10	16QAM	1	0	17.01	17.01	16.97	18.5	1
10	16QAM	1	25	17.26	17.18	17.24		
10	16QAM	1	49	16.77	16.69	16.69		
10	16QAM	25	0	15.98	15.97	15.98	17.5	2
10	16QAM	25	12	15.97	15.99	15.99		
10	16QAM	25	25	15.88	15.86	15.82		
10	16QAM	50	0	15.85	15.85	15.91		
10	64QAM	1	0	15.94	15.94	15.91	17.5	2
10	64QAM	1	25	16.13	16.15	16.22		
10	64QAM	1	49	15.71	15.68	15.64		
10	64QAM	25	0	15.01	14.95	15.02	16.5	3
10	64QAM	25	12	14.95	15.02	14.94		
10	64QAM	25	25	14.86	14.89	14.83		
10	64QAM	50	0	14.92	14.87	14.88		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.68	17.74	17.69	19.5	0
5	QPSK	1	12	18.04	18.01	17.98		
5	QPSK	1	24	17.65	17.63	17.63		
5	QPSK	12	0	17.01	16.96	17.01	18.5	1
5	QPSK	12	7	16.98	16.89	16.90		
5	QPSK	12	13	16.90	16.96	16.94		
5	QPSK	25	0	16.92	16.91	16.95		
5	16QAM	1	0	17.00	17.03	17.04	18.5	1
5	16QAM	1	12	17.24	17.21	17.21		
5	16QAM	1	24	16.70	16.74	16.76		
5	16QAM	12	0	16.00	16.00	15.96	17.5	2
5	16QAM	12	7	15.91	15.92	15.91		
5	16QAM	12	13	15.84	15.83	15.85		
5	16QAM	25	0	15.91	15.87	15.87		
5	64QAM	1	0	15.89	15.95	15.90	17.5	2
5	64QAM	1	12	16.21	16.14	16.19		
5	64QAM	1	24	15.63	15.71	15.63		
5	64QAM	12	0	15.02	15.00	14.99	16.5	3
5	64QAM	12	7	14.96	14.96	14.94		
5	64QAM	12	13	14.88	14.92	14.89		
5	64QAM	25	0	14.93	14.89	14.92		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.75	17.67	17.74	19.5	0
3	QPSK	1	8	18.04	17.99	18.03		
3	QPSK	1	14	17.65	17.57	17.58		
3	QPSK	8	0	16.92	17.00	16.95	18.5	1
3	QPSK	8	4	16.96	16.97	16.90		
3	QPSK	8	7	16.96	16.89	16.92		
3	QPSK	15	0	16.97	16.91	16.97		
3	16QAM	1	0	17.03	16.99	17.06	18.5	1
3	16QAM	1	8	17.25	17.21	17.19		
3	16QAM	1	14	16.74	16.70	16.72		
3	16QAM	8	0	15.98	16.00	16.01	17.5	2
3	16QAM	8	4	15.92	15.96	15.94		
3	16QAM	8	7	15.89	15.81	15.87		
3	16QAM	15	0	15.91	15.91	15.85		
3	64QAM	1	0	15.94	15.92	15.88	17.5	2
3	64QAM	1	8	16.16	16.18	16.22		
3	64QAM	1	14	15.71	15.69	15.63		
3	64QAM	8	0	14.95	14.95	14.98	16.5	3
3	64QAM	8	4	14.98	14.93	14.97		
3	64QAM	8	7	14.90	14.91	14.90		
3	64QAM	15	0	14.87	14.91	14.86		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.69	17.68	17.68	19.5	0
1.4	QPSK	1	3	17.97	17.99	18.05		
1.4	QPSK	1	5	17.59	17.65	17.58		
1.4	QPSK	3	0	17.72	17.81	17.73		
1.4	QPSK	3	1	17.71	17.73	17.71		
1.4	QPSK	3	3	17.70	17.75	17.70		
1.4	QPSK	6	0	16.93	16.96	16.99	18.5	1
1.4	16QAM	1	0	17.00	17.01	16.97	18.5	1
1.4	16QAM	1	3	17.23	17.27	17.18		
1.4	16QAM	1	5	16.73	16.73	16.74		
1.4	16QAM	3	0	16.79	16.78	16.78		
1.4	16QAM	3	1	16.72	16.79	16.79		
1.4	16QAM	3	3	16.64	16.68	16.69		
1.4	16QAM	6	0	15.89	15.90	15.88	17.5	2
1.4	64QAM	1	0	15.90	15.88	15.88	17.5	2
1.4	64QAM	1	3	16.18	16.14	16.22		
1.4	64QAM	1	5	15.66	15.67	15.71		
1.4	64QAM	3	0	15.80	15.80	15.80		
1.4	64QAM	3	1	15.73	15.73	15.76		
1.4	64QAM	3	3	15.69	15.67	15.68		
1.4	64QAM	6	0	14.93	14.95	14.93	16.5	3

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.06	23.07	23.03	24	0
10	QPSK	1	25	23.15	23.19	23.14		
10	QPSK	1	49	23.07	23.03	23.02		
10	QPSK	25	0	22.16	22.23	22.18	23	1
10	QPSK	25	12	22.16	22.15	22.16		
10	QPSK	25	25	22.13	22.15	22.01		
10	QPSK	50	0	22.16	22.19	22.07		
10	16QAM	1	0	22.25	22.32	22.25	23	1
10	16QAM	1	25	22.40	22.35	22.37		
10	16QAM	1	49	22.32	22.30	22.29		
10	16QAM	25	0	21.14	21.14	21.12	22	2
10	16QAM	25	12	21.15	21.15	21.15		
10	16QAM	25	25	21.21	21.15	20.98		
10	16QAM	50	0	21.17	21.15	21.05		
10	64QAM	1	0	21.19	21.16	21.20	22	2
10	64QAM	1	25	21.34	21.31	21.26		
10	64QAM	1	49	21.17	21.25	21.19		
10	64QAM	25	0	20.20	20.18	20.18	21	3
10	64QAM	25	12	20.20	20.17	20.18		
10	64QAM	25	25	20.24	20.16	20.03		
10	64QAM	50	0	20.21	20.16	20.09		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.93	23.02	22.95	24	0
5	QPSK	1	12	23.14	23.11	23.09		
5	QPSK	1	24	22.94	22.86	23.03		
5	QPSK	12	0	22.11	22.14	22.11	23	1
5	QPSK	12	7	22.14	21.96	22.09		
5	QPSK	12	13	21.94	22.07	21.89		
5	QPSK	25	0	22.12	22.00	22.00		
5	16QAM	1	0	22.24	22.16	22.22	23	1
5	16QAM	1	12	22.34	22.33	22.21		
5	16QAM	1	24	22.14	22.22	22.22		
5	16QAM	12	0	20.85	21.05	21.02	22	2
5	16QAM	12	7	21.07	21.08	21.05		
5	16QAM	12	13	21.09	21.00	20.81		
5	16QAM	25	0	21.02	21.11	20.87		
5	64QAM	1	0	21.04	21.17	21.02	22	2
5	64QAM	1	12	21.30	21.26	21.11		
5	64QAM	1	24	21.08	21.07	21.14		
5	64QAM	12	0	20.01	20.18	20.12	21	3
5	64QAM	12	7	20.09	20.12	20.09		
5	64QAM	12	13	20.05	19.98	19.84		
5	64QAM	25	0	20.19	20.09	20.09		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.90	22.94	22.97	24	0
3	QPSK	1	8	23.06	23.11	22.96		
3	QPSK	1	14	23.02	22.86	22.87		
3	QPSK	8	0	22.19	22.09	22.12	23	1
3	QPSK	8	4	21.97	22.08	22.08		
3	QPSK	8	7	22.08	21.96	21.88		
3	QPSK	15	0	22.17	22.09	21.97		
3	16QAM	1	0	22.22	22.17	22.21	23	1
3	16QAM	1	8	22.40	22.19	22.22		
3	16QAM	1	14	22.19	22.21	22.24		
3	16QAM	8	0	20.96	21.03	20.96	22	2
3	16QAM	8	4	21.02	20.99	21.13		
3	16QAM	8	7	21.02	21.12	20.85		
3	16QAM	15	0	21.14	21.06	21.05		
3	64QAM	1	0	21.19	21.13	21.12	22	2
3	64QAM	1	8	21.22	21.12	21.27		
3	64QAM	1	14	21.14	21.06	21.07		
3	64QAM	8	0	20.11	20.03	20.09	21	3
3	64QAM	8	4	20.09	19.98	20.07		
3	64QAM	8	7	20.10	20.04	20.01		
3	64QAM	15	0	20.07	19.98	20.05		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.00	23.00	22.97	24	0
1.4	QPSK	1	3	23.11	23.13	23.13		
1.4	QPSK	1	5	22.97	22.99	23.00		
1.4	QPSK	3	0	23.11	23.08	23.09		
1.4	QPSK	3	1	23.13	23.14	23.17		
1.4	QPSK	3	3	23.09	23.11	23.09		
1.4	QPSK	6	0	22.13	22.12	22.12	23	1
1.4	16QAM	1	0	22.15	22.19	22.24	23	1
1.4	16QAM	1	3	22.34	22.36	22.31		
1.4	16QAM	1	5	22.24	22.19	22.14		
1.4	16QAM	3	0	22.07	22.02	22.02		
1.4	16QAM	3	1	22.09	22.13	22.07		
1.4	16QAM	3	3	22.04	22.05	22.05		
1.4	16QAM	6	0	21.18	21.14	21.17	22	2
1.4	64QAM	1	0	21.16	21.11	21.08	22	2
1.4	64QAM	1	3	21.19	21.19	21.27		
1.4	64QAM	1	5	21.14	21.13	21.14		
1.4	64QAM	3	0	21.18	21.09	21.17		
1.4	64QAM	3	1	21.24	21.23	21.17		
1.4	64QAM	3	3	21.19	21.21	21.14		
1.4	64QAM	6	0	20.15	20.15	20.11	21	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.48	20.52	20.43	22	0
10	QPSK	1	25	20.69	20.70	20.68		
10	QPSK	1	49	20.54	20.57	20.51		
10	QPSK	25	0	19.71	19.74	19.67	21	1
10	QPSK	25	12	19.59	19.69	19.64		
10	QPSK	25	25	19.70	19.73	19.66		
10	QPSK	50	0	19.65	19.73	19.68		
10	16QAM	1	0	19.65	19.67	19.64	21	1
10	16QAM	1	25	19.87	19.92	19.91		
10	16QAM	1	49	19.73	19.78	19.74		
10	16QAM	25	0	18.52	18.62	18.57	20	2
10	16QAM	25	12	18.58	18.68	18.63		
10	16QAM	25	25	18.67	18.72	18.64		
10	16QAM	50	0	18.63	18.72	18.65		
10	64QAM	1	0	18.62	18.66	18.65	20	2
10	64QAM	1	25	18.74	18.83	18.77		
10	64QAM	1	49	18.58	18.63	18.54		
10	64QAM	25	0	17.59	17.67	17.57	19	3
10	64QAM	25	12	17.60	17.62	17.57		
10	64QAM	25	25	17.75	17.81	17.80		
10	64QAM	50	0	17.69	17.71	17.67		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.44	20.44	20.43	22	0
5	QPSK	1	12	20.64	20.60	20.66		
5	QPSK	1	24	20.47	20.47	20.50		
5	QPSK	12	0	19.72	19.71	19.71	21	1
5	QPSK	12	7	19.63	19.59	19.67		
5	QPSK	12	13	19.67	19.71	19.70		
5	QPSK	25	0	19.68	19.65	19.68		
5	16QAM	1	0	19.59	19.59	19.63	21	1
5	16QAM	1	12	19.90	19.86	19.88		
5	16QAM	1	24	19.70	19.69	19.68		
5	16QAM	12	0	18.53	18.59	18.55	20	2
5	16QAM	12	7	18.65	18.64	18.59		
5	16QAM	12	13	18.62	18.66	18.64		
5	16QAM	25	0	18.64	18.65	18.67		
5	64QAM	1	0	18.65	18.61	18.62	20	2
5	64QAM	1	12	18.76	18.74	18.78		
5	64QAM	1	24	18.54	18.62	18.59		
5	64QAM	12	0	17.59	17.58	17.63	19	3
5	64QAM	12	7	17.60	17.61	17.54		
5	64QAM	12	13	17.78	17.75	17.76		
5	64QAM	25	0	17.61	17.61	17.65		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.50	20.50	20.43	22	0
3	QPSK	1	8	20.68	20.62	20.60		
3	QPSK	1	14	20.51	20.54	20.52		
3	QPSK	8	0	19.67	19.67	19.67	21	1
3	QPSK	8	4	19.62	19.66	19.60		
3	QPSK	8	7	19.64	19.70	19.67		
3	QPSK	15	0	19.72	19.67	19.72		
3	16QAM	1	0	19.63	19.63	19.59	21	1
3	16QAM	1	8	19.91	19.85	19.84		
3	16QAM	1	14	19.72	19.69	19.70		
3	16QAM	8	0	18.55	18.52	18.54	20	2
3	16QAM	8	4	18.59	18.62	18.65		
3	16QAM	8	7	18.63	18.64	18.66		
3	16QAM	15	0	18.69	18.64	18.63		
3	64QAM	1	0	18.59	18.57	18.65	20	2
3	64QAM	1	8	18.75	18.73	18.79		
3	64QAM	1	14	18.55	18.55	18.54		
3	64QAM	8	0	17.66	17.61	17.64	19	3
3	64QAM	8	4	17.59	17.56	17.61		
3	64QAM	8	7	17.77	17.78	17.75		
3	64QAM	15	0	17.63	17.62	17.63		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.43	20.46	20.49	22	0
1.4	QPSK	1	3	20.65	20.67	20.60		
1.4	QPSK	1	5	20.48	20.51	20.53		
1.4	QPSK	3	0	20.52	20.52	20.49		
1.4	QPSK	3	1	20.46	20.40	20.47		
1.4	QPSK	3	3	20.51	20.51	20.48		
1.4	QPSK	6	0	19.64	19.72	19.71	21	1
1.4	16QAM	1	0	19.57	19.62	19.66	21	1
1.4	16QAM	1	3	19.91	19.84	19.85		
1.4	16QAM	1	5	19.71	19.75	19.74		
1.4	16QAM	3	0	19.89	19.85	19.89		
1.4	16QAM	3	1	19.95	19.93	19.94		
1.4	16QAM	3	3	19.97	20.01	20.00		
1.4	16QAM	6	0	18.63	18.65	18.66	20	2
1.4	64QAM	1	0	18.57	18.65	18.58	20	2
1.4	64QAM	1	3	18.79	18.79	18.76		
1.4	64QAM	1	5	18.57	18.59	18.56		
1.4	64QAM	3	0	18.96	18.93	18.94		
1.4	64QAM	3	1	18.89	18.84	18.91		
1.4	64QAM	3	3	19.03	19.08	19.07		
1.4	64QAM	6	0	17.64	17.61	17.66	19	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	13.54	13.64	13.58	14.5	0
20	QPSK	1	49	13.99	14.03	13.93		
20	QPSK	1	99	13.56	13.66	13.62		
20	QPSK	50	0	12.97	13.04	13.01	13.5	1
20	QPSK	50	24	12.91	12.99	12.91		
20	QPSK	50	50	12.93	12.98	12.94		
20	QPSK	100	0	12.92	12.99	12.97		
20	16QAM	1	0	12.77	12.81	12.76	13.5	1
20	16QAM	1	49	13.08	13.14	13.09		
20	16QAM	1	99	12.81	12.88	12.83		
20	16QAM	50	0	11.97	12.02	11.97	12.5	2
20	16QAM	50	24	12.06	12.07	12.05		
20	16QAM	50	50	12.02	12.11	12.01		
20	16QAM	100	0	11.96	12.01	11.94		
20	64QAM	1	0	11.75	11.81	11.80	12.5	2
20	64QAM	1	49	12.04	12.05	12.00		
20	64QAM	1	99	11.79	11.81	11.80		
20	64QAM	50	0	10.91	10.99	10.95	11.5	3
20	64QAM	50	24	10.94	11.01	10.93		
20	64QAM	50	50	10.97	11.05	11.04		
20	64QAM	100	0	10.99	11.08	11.02		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	13.62	13.57	13.60	14.5	0
15	QPSK	1	37	13.99	13.99	13.95		
15	QPSK	1	74	13.62	13.60	13.61		
15	QPSK	36	0	13.00	12.99	13.01	13.5	1
15	QPSK	36	20	12.97	12.98	12.94		
15	QPSK	36	39	12.94	12.92	12.94		
15	QPSK	75	0	12.98	12.97	12.91		
15	16QAM	1	0	12.80	12.78	12.75	13.5	1
15	16QAM	1	37	13.10	13.04	13.07		
15	16QAM	1	74	12.85	12.83	12.86		
15	16QAM	36	0	11.98	12.01	12.01	12.5	2
15	16QAM	36	20	12.00	11.99	12.03		
15	16QAM	36	39	12.05	12.02	12.03		
15	16QAM	75	0	12.00	11.96	11.97		
15	64QAM	1	0	11.71	11.71	11.74	12.5	2
15	64QAM	1	37	12.01	12.00	12.01		
15	64QAM	1	74	11.76	11.71	11.77		
15	64QAM	36	0	10.98	10.89	10.92	11.5	3
15	64QAM	36	20	10.95	10.99	10.97		
15	64QAM	36	39	11.03	10.97	10.99		
15	64QAM	75	0	11.06	10.98	11.00		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	13.56	13.61	13.62	14.5	0
10	QPSK	1	25	13.94	13.97	13.94		
10	QPSK	1	49	13.61	13.59	13.64		
10	QPSK	25	0	12.99	13.02	13.03	13.5	1
10	QPSK	25	12	12.89	12.96	12.93		
10	QPSK	25	25	12.96	12.95	12.94		
10	QPSK	50	0	12.96	12.92	12.95		
10	16QAM	1	0	12.77	12.73	12.79	13.5	1
10	16QAM	1	25	13.07	13.04	13.05		
10	16QAM	1	49	12.87	12.86	12.86		
10	16QAM	25	0	12.01	11.99	11.95	12.5	2
10	16QAM	25	12	12.05	12.06	12.06		
10	16QAM	25	25	12.03	12.06	12.09		
10	16QAM	50	0	11.97	12.00	11.98		
10	64QAM	1	0	11.80	11.77	11.77	12.5	2
10	64QAM	1	25	11.95	12.02	11.95		
10	64QAM	1	49	11.72	11.78	11.77		
10	64QAM	25	0	10.93	10.95	10.93	11.5	3
10	64QAM	25	12	10.94	11.00	10.98		
10	64QAM	25	25	11.02	11.02	10.98		
10	64QAM	50	0	11.01	10.99	11.03		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	13.54	13.58	13.54	14.5	0
5	QPSK	1	12	14.00	14.02	13.98		
5	QPSK	1	24	13.56	13.59	13.57		
5	QPSK	12	0	13.03	13.02	12.95	13.5	1
5	QPSK	12	7	12.93	12.94	12.92		
5	QPSK	12	13	12.93	12.90	12.95		
5	QPSK	25	0	12.90	12.97	12.92		
5	16QAM	1	0	12.75	12.78	12.79	13.5	1
5	16QAM	1	12	13.12	13.11	13.06		
5	16QAM	1	24	12.84	12.81	12.82		
5	16QAM	12	0	11.96	11.95	11.93	12.5	2
5	16QAM	12	7	12.02	11.98	11.98		
5	16QAM	12	13	12.02	12.04	12.02		
5	16QAM	25	0	11.97	11.96	12.00		
5	64QAM	1	0	11.76	11.79	11.74	12.5	2
5	64QAM	1	12	12.02	12.01	12.04		
5	64QAM	1	24	11.71	11.75	11.73		
5	64QAM	12	0	10.95	10.95	10.97	11.5	3
5	64QAM	12	7	10.93	10.97	10.92		
5	64QAM	12	13	11.00	10.97	10.97		
5	64QAM	25	0	11.01	10.99	11.00		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	14.23	14.24	14.15	16	0
20	QPSK	1	49	14.53	14.63	14.60		
20	QPSK	1	99	14.29	14.30	14.26		
20	QPSK	50	0	13.64	13.66	13.65	15	1
20	QPSK	50	24	13.54	13.64	13.59		
20	QPSK	50	50	13.60	13.61	13.56		
20	QPSK	100	0	13.64	13.67	13.65		
20	16QAM	1	0	13.34	13.44	13.35	15	1
20	16QAM	1	49	13.89	13.91	13.87		
20	16QAM	1	99	13.55	13.56	13.53		
20	16QAM	50	0	12.61	12.64	12.59	14	2
20	16QAM	50	24	12.70	12.75	12.73		
20	16QAM	50	50	12.71	12.74	12.68		
20	16QAM	100	0	12.64	12.65	12.64		
20	64QAM	1	0	12.30	12.40	12.30	14	2
20	64QAM	1	49	12.76	12.77	12.67		
20	64QAM	1	99	12.49	12.53	12.50		
20	64QAM	50	0	11.60	11.66	11.60	13	3
20	64QAM	50	24	11.62	11.67	11.57		
20	64QAM	50	50	11.61	11.64	11.56		
20	64QAM	100	0	11.64	11.67	11.59		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	14.15	14.20	14.19	16	0
15	QPSK	1	37	14.53	14.54	14.56		
15	QPSK	1	74	14.29	14.20	14.26		
15	QPSK	36	0	13.62	13.63	13.65	15	1
15	QPSK	36	20	13.58	13.56	13.63		
15	QPSK	36	39	13.54	13.52	13.55		
15	QPSK	75	0	13.62	13.61	13.66		
15	16QAM	1	0	13.35	13.41	13.39	15	1
15	16QAM	1	37	13.88	13.82	13.81		
15	16QAM	1	74	13.48	13.54	13.52		
15	16QAM	36	0	12.57	12.60	12.61	14	2
15	16QAM	36	20	12.73	12.74	12.73		
15	16QAM	36	39	12.73	12.67	12.66		
15	16QAM	75	0	12.56	12.59	12.64		
15	64QAM	1	0	12.38	12.35	12.36	14	2
15	64QAM	1	37	12.72	12.74	12.76		
15	64QAM	1	74	12.44	12.46	12.47		
15	64QAM	36	0	11.56	11.59	11.57	13	3
15	64QAM	36	20	11.65	11.63	11.57		
15	64QAM	36	39	11.59	11.55	11.56		
15	64QAM	75	0	11.59	11.59	11.61		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	14.22	14.17	14.23	16	0
10	QPSK	1	25	14.61	14.53	14.56		
10	QPSK	1	49	14.29	14.24	14.29		
10	QPSK	25	0	13.65	13.56	13.57	15	1
10	QPSK	25	12	13.56	13.59	13.55		
10	QPSK	25	25	13.60	13.55	13.57		
10	QPSK	50	0	13.64	13.58	13.63		
10	16QAM	1	0	13.36	13.36	13.36	15	1
10	16QAM	1	25	13.83	13.85	13.86		
10	16QAM	1	49	13.53	13.50	13.52		
10	16QAM	25	0	12.55	12.63	12.63	14	2
10	16QAM	25	12	12.72	12.74	12.73		
10	16QAM	25	25	12.64	12.67	12.68		
10	16QAM	50	0	12.63	12.59	12.57		
10	64QAM	1	0	12.33	12.39	12.36	14	2
10	64QAM	1	25	12.69	12.74	12.67		
10	64QAM	1	49	12.44	12.46	12.48		
10	64QAM	25	0	11.60	11.63	11.60	13	3
10	64QAM	25	12	11.64	11.63	11.65		
10	64QAM	25	25	11.56	11.55	11.54		
10	64QAM	50	0	11.63	11.64	11.59		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	14.14	14.18	14.20	16	0
5	QPSK	1	12	14.58	14.53	14.58		
5	QPSK	1	24	14.26	14.22	14.26		
5	QPSK	12	0	13.58	13.58	13.64	15	1
5	QPSK	12	7	13.59	13.54	13.58		
5	QPSK	12	13	13.53	13.55	13.56		
5	QPSK	25	0	13.64	13.65	13.66		
5	16QAM	1	0	13.40	13.36	13.38	15	1
5	16QAM	1	12	13.89	13.90	13.86		
5	16QAM	1	24	13.55	13.53	13.54		
5	16QAM	12	0	12.61	12.63	12.58	14	2
5	16QAM	12	7	12.67	12.74	12.67		
5	16QAM	12	13	12.65	12.70	12.70		
5	16QAM	25	0	12.59	12.60	12.60		
5	64QAM	1	0	12.35	12.33	12.30	14	2
5	64QAM	1	12	12.70	12.70	12.73		
5	64QAM	1	24	12.52	12.51	12.43		
5	64QAM	12	0	11.64	11.57	11.64	13	3
5	64QAM	12	7	11.58	11.57	11.60		
5	64QAM	12	13	11.61	11.62	11.62		
5	64QAM	25	0	11.65	11.62	11.64		

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.13		24	0
10	QPSK	1	25		23.26			
10	QPSK	1	49		23.15			
10	QPSK	25	0		22.26		23	1
10	QPSK	25	12		22.16			
10	QPSK	25	25		22.13			
10	QPSK	50	0		22.19			
10	16QAM	1	0		22.33		23	1
10	16QAM	1	25		22.49			
10	16QAM	1	49		22.44			
10	16QAM	25	0		21.19		22	2
10	16QAM	25	12		21.29			
10	16QAM	25	25		21.16			
10	16QAM	50	0		21.23			
10	64QAM	1	0		21.40		22	2
10	64QAM	1	25		21.42			
10	64QAM	1	49		21.39			
10	64QAM	25	0		20.23		21	3
10	64QAM	25	12		20.29			
10	64QAM	25	25		20.18			
10	64QAM	50	0		20.19			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.00	23.00	23.07	24	0
5	QPSK	1	12	23.21	23.22	23.13		
5	QPSK	1	24	23.00	23.08	23.00		
5	QPSK	12	0	22.17	22.23	22.20	23	1
5	QPSK	12	7	22.02	22.16	22.10		
5	QPSK	12	13	22.05	21.97	22.04		
5	QPSK	25	0	22.20	22.18	22.05		
5	16QAM	1	0	22.29	22.22	22.22	23	1
5	16QAM	1	12	22.39	22.47	22.49		
5	16QAM	1	24	22.44	22.29	22.43		
5	16QAM	12	0	21.17	21.13	21.04	22	2
5	16QAM	12	7	21.10	21.23	21.23		
5	16QAM	12	13	21.03	21.14	20.98		
5	16QAM	25	0	21.15	21.23	21.04		
5	64QAM	1	0	21.35	21.24	21.38	22	2
5	64QAM	1	12	21.37	21.26	21.28		
5	64QAM	1	24	21.34	21.21	21.22		
5	64QAM	12	0	20.14	20.08	20.17	21	3
5	64QAM	12	7	20.19	20.26	20.12		
5	64QAM	12	13	20.12	20.00	20.12		
5	64QAM	25	0	20.08	20.12	20.18		

Band 26(FCC)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.99	22.91	22.94	24	0
15	QPSK	1	37	23.20	23.25	23.14		
15	QPSK	1	74	22.99	22.94	22.94		
15	QPSK	36	0	22.12	22.15	22.13	23	1
15	QPSK	36	20	22.09	22.08	22.12		
15	QPSK	36	39	22.10	22.11	22.06		
15	QPSK	75	0	22.10	22.11	22.08		
15	16QAM	1	0	22.26	22.15	22.23	23	1
15	16QAM	1	37	22.52	22.49	22.42		
15	16QAM	1	74	22.20	22.22	22.15		
15	16QAM	36	0	21.07	21.05	21.11	22	2
15	16QAM	36	20	21.11	21.09	21.15		
15	16QAM	36	39	21.08	21.10	21.03		
15	16QAM	75	0	21.10	21.07	21.10		
15	64QAM	1	0	21.17	21.08	21.15	22	2
15	64QAM	1	37	21.28	21.36	21.38		
15	64QAM	1	74	21.19	21.21	21.13		
15	64QAM	36	0	20.15	20.11	20.15	21	3
15	64QAM	36	20	20.17	20.19	20.19		
15	64QAM	36	39	20.16	20.15	20.10		
15	64QAM	75	0	20.13	20.14	20.13		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.92	22.92	22.90	24	0
10	QPSK	1	25	23.21	23.24	22.96		
10	QPSK	1	49	22.97	22.94	22.76		
10	QPSK	25	0	22.13	22.12	21.95	23	1
10	QPSK	25	12	21.91	21.93	22.05		
10	QPSK	25	25	22.08	22.07	21.89		
10	QPSK	50	0	22.09	22.12	21.90		
10	16QAM	1	0	22.27	21.96	22.23	23	1
10	16QAM	1	25	22.46	22.32	22.40		
10	16QAM	1	49	22.12	22.06	22.07		
10	16QAM	25	0	21.03	20.96	21.12	22	2
10	16QAM	25	12	20.93	20.91	21.12		
10	16QAM	25	25	21.03	20.97	20.88		
10	16QAM	50	0	20.92	20.97	20.93		
10	64QAM	1	0	21.00	20.92	21.04	22	2
10	64QAM	1	25	21.27	21.23	21.36		
10	64QAM	1	49	21.03	21.04	21.08		
10	64QAM	25	0	20.04	19.93	19.98	21	3
10	64QAM	25	12	19.99	20.04	20.15		
10	64QAM	25	25	20.08	20.01	19.99		
10	64QAM	50	0	20.13	19.96	20.07		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.93	22.82	22.75	24	0
5	QPSK	1	12	23.03	23.21	23.02		
5	QPSK	1	24	22.93	22.76	22.76		
5	QPSK	12	0	21.93	22.02	21.99	23	1
5	QPSK	12	7	22.00	22.07	22.02		
5	QPSK	12	13	22.10	22.09	21.97		
5	QPSK	25	0	22.06	21.94	22.09		
5	16QAM	1	0	22.17	22.11	22.14	23	1
5	16QAM	1	12	22.50	22.39	22.41		
5	16QAM	1	24	22.18	22.09	22.09		
5	16QAM	12	0	20.94	20.94	20.96	22	2
5	16QAM	12	7	21.06	20.94	20.98		
5	16QAM	12	13	20.90	20.94	20.84		
5	16QAM	25	0	21.01	20.95	20.94		
5	64QAM	1	0	21.15	21.08	21.01	22	2
5	64QAM	1	12	21.16	21.31	21.22		
5	64QAM	1	24	21.11	21.09	21.09		
5	64QAM	12	0	20.02	19.94	20.11	21	3
5	64QAM	12	7	19.98	20.02	20.02		
5	64QAM	12	13	20.09	20.06	19.93		
5	64QAM	25	0	20.04	20.10	19.94		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.82	22.81	22.90	24	0
3	QPSK	1	8	23.16	23.14	22.97		
3	QPSK	1	14	22.88	22.87	22.85		
3	QPSK	8	0	22.03	21.96	21.96	23	1
3	QPSK	8	4	21.98	21.93	22.01		
3	QPSK	8	7	21.93	22.03	21.93		
3	QPSK	15	0	22.09	21.98	22.06		
3	16QAM	1	0	22.14	22.02	22.21	23	1
3	16QAM	1	8	22.53	22.41	22.37		
3	16QAM	1	14	22.09	22.03	22.03		
3	16QAM	8	0	20.89	21.01	21.09	22	2
3	16QAM	8	4	20.92	21.00	21.13		
3	16QAM	8	7	21.07	21.01	21.00		
3	16QAM	15	0	21.02	20.98	20.99		
3	64QAM	1	0	21.12	20.96	21.14	22	2
3	64QAM	1	8	21.09	21.33	21.39		
3	64QAM	1	14	21.11	21.10	21.05		
3	64QAM	8	0	20.06	20.02	20.16	21	3
3	64QAM	8	4	20.12	20.14	20.18		
3	64QAM	8	7	20.09	20.06	20.00		
3	64QAM	15	0	20.13	20.12	19.98		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.01	23.00	22.98	24	0
1.4	QPSK	1	3	23.16	23.10	23.09		
1.4	QPSK	1	5	23.03	22.99	23.01		
1.4	QPSK	3	0	23.14	23.10	23.10		
1.4	QPSK	3	1	23.18	23.13	23.14		
1.4	QPSK	3	3	23.14	23.09	23.10		
1.4	QPSK	6	0	22.13	22.13	22.16	23	1
1.4	16QAM	1	0	22.17	22.21	22.13	23	1
1.4	16QAM	1	3	22.38	22.36	22.35		
1.4	16QAM	1	5	22.21	22.26	22.19		
1.4	16QAM	3	0	22.09	22.02	22.04		
1.4	16QAM	3	1	22.15	22.13	22.14		
1.4	16QAM	3	3	22.08	22.05	22.03		
1.4	16QAM	6	0	21.21	21.19	21.19	22	2
1.4	64QAM	1	0	21.17	21.21	21.20	22	2
1.4	64QAM	1	3	21.19	21.26	21.28		
1.4	64QAM	1	5	21.13	21.12	21.17		
1.4	64QAM	3	0	21.21	21.23	21.19		
1.4	64QAM	3	1	21.26	21.22	21.25		
1.4	64QAM	3	3	21.15	21.16	21.15		
1.4	64QAM	6	0	20.17	20.16	20.14	21	3

Band 26(FCC)_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	20.51	20.55	20.48	22	0
15	QPSK	1	37	20.77	20.81	20.73		
15	QPSK	1	74	20.53	20.58	20.48		
15	QPSK	36	0	19.73	19.78	19.74	21	1
15	QPSK	36	20	19.61	19.71	19.70		
15	QPSK	36	39	19.70	19.72	19.71		
15	QPSK	75	0	19.75	19.78	19.72		
15	16QAM	1	0	19.66	19.76	19.73	21	1
15	16QAM	1	37	20.13	20.14	20.05		
15	16QAM	1	74	19.71	19.80	19.74		
15	16QAM	36	0	18.62	18.68	18.67	20	2
15	16QAM	36	20	18.66	18.70	18.62		
15	16QAM	36	39	18.67	18.73	18.64		
15	16QAM	75	0	18.74	18.75	18.66		
15	64QAM	1	0	18.61	18.71	18.70	20	2
15	64QAM	1	37	18.89	18.91	18.90		
15	64QAM	1	74	18.62	18.65	18.55		
15	64QAM	36	0	17.65	17.72	17.66	19	3
15	64QAM	36	20	17.72	17.82	17.79		
15	64QAM	36	39	17.75	17.77	17.76		
15	64QAM	75	0	17.77	17.79	17.71		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	20.47	20.53	20.53	22	0
10	QPSK	1	25	20.78	20.73	20.80		
10	QPSK	1	49	20.50	20.54	20.54		
10	QPSK	25	0	19.77	19.68	19.69	21	1
10	QPSK	25	12	19.62	19.63	19.69		
10	QPSK	25	25	19.68	19.63	19.70		
10	QPSK	50	0	19.74	19.72	19.72		
10	16QAM	1	0	19.70	19.74	19.72	21	1
10	16QAM	1	25	20.12	20.04	20.07		
10	16QAM	1	49	19.77	19.74	19.71		
10	16QAM	25	0	18.61	18.59	18.60	20	2
10	16QAM	25	12	18.60	18.62	18.65		
10	16QAM	25	25	18.71	18.65	18.64		
10	16QAM	50	0	18.68	18.70	18.67		
10	64QAM	1	0	18.68	18.65	18.69	20	2
10	64QAM	1	25	18.84	18.86	18.87		
10	64QAM	1	49	18.55	18.64	18.63		
10	64QAM	25	0	17.69	17.71	17.66	19	3
10	64QAM	25	12	17.77	17.72	17.79		
10	64QAM	25	25	17.72	17.73	17.76		
10	64QAM	50	0	17.71	17.78	17.77		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	20.51	20.49	20.54	22	0
5	QPSK	1	12	20.77	20.73	20.73		
5	QPSK	1	24	20.57	20.55	20.55		
5	QPSK	12	0	19.77	19.74	19.69	21	1
5	QPSK	12	7	19.64	19.62	19.62		
5	QPSK	12	13	19.64	19.69	19.63		
5	QPSK	25	0	19.76	19.76	19.69		
5	16QAM	1	0	19.69	19.69	19.70	21	1
5	16QAM	1	12	20.11	20.10	20.04		
5	16QAM	1	24	19.76	19.76	19.77		
5	16QAM	12	0	18.64	18.67	18.63	20	2
5	16QAM	12	7	18.62	18.65	18.60		
5	16QAM	12	13	18.69	18.65	18.64		
5	16QAM	25	0	18.66	18.72	18.66		
5	64QAM	1	0	18.69	18.70	18.61	20	2
5	64QAM	1	12	18.81	18.86	18.83		
5	64QAM	1	24	18.58	18.61	18.58		
5	64QAM	12	0	17.66	17.71	17.65	19	3
5	64QAM	12	7	17.73	17.72	17.78		
5	64QAM	12	13	17.69	17.73	17.67		
5	64QAM	25	0	17.77	17.71	17.71		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	20.54	20.51	20.52	22	0
3	QPSK	1	8	20.80	20.79	20.80		
3	QPSK	1	14	20.51	20.52	20.57		
3	QPSK	8	0	19.72	19.68	19.68	21	1
3	QPSK	8	4	19.68	19.62	19.64		
3	QPSK	8	7	19.63	19.66	19.64		
3	QPSK	15	0	19.76	19.73	19.74		
3	16QAM	1	0	19.75	19.68	19.66	21	1
3	16QAM	1	8	20.04	20.04	20.04		
3	16QAM	1	14	19.75	19.75	19.78		
3	16QAM	8	0	18.58	18.61	18.59	20	2
3	16QAM	8	4	18.64	18.67	18.67		
3	16QAM	8	7	18.72	18.63	18.64		
3	16QAM	15	0	18.67	18.65	18.72		
3	64QAM	1	0	18.67	18.67	18.62	20	2
3	64QAM	1	8	18.90	18.90	18.85		
3	64QAM	1	14	18.63	18.57	18.60		
3	64QAM	8	0	17.68	17.69	17.67	19	3
3	64QAM	8	4	17.72	17.74	17.80		
3	64QAM	8	7	17.68	17.76	17.72		
3	64QAM	15	0	17.78	17.74	17.73		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	20.45	20.51	20.53	22	0
1.4	QPSK	1	3	20.75	20.75	20.74		
1.4	QPSK	1	5	20.55	20.49	20.50		
1.4	QPSK	3	0	20.54	20.53	20.48		
1.4	QPSK	3	1	20.41	20.41	20.42		
1.4	QPSK	3	3	20.46	20.51	20.51		
1.4	QPSK	6	0	19.70	19.76	19.69	21	1
1.4	16QAM	1	0	19.67	19.70	19.70	21	1
1.4	16QAM	1	3	20.09	20.12	20.05		
1.4	16QAM	1	5	19.74	19.79	19.74		
1.4	16QAM	3	0	19.93	19.94	19.97		
1.4	16QAM	3	1	19.94	19.99	19.94		
1.4	16QAM	3	3	19.95	19.99	19.96		
1.4	16QAM	6	0	18.72	18.70	18.74	20	2
1.4	64QAM	1	0	18.62	18.68	18.70	20	2
1.4	64QAM	1	3	18.85	18.83	18.81		
1.4	64QAM	1	5	18.63	18.61	18.57		
1.4	64QAM	3	0	18.96	18.92	18.96		
1.4	64QAM	3	1	18.59	18.59	18.58		
1.4	64QAM	3	3	18.97	18.98	18.56		
1.4	64QAM	6	0	17.75	17.74	17.69	19	3

Band 66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.41	19.43	19.35	20.5	0
20	QPSK	1	49	19.71	19.77	19.70		
20	QPSK	1	99	19.33	19.34	19.26		
20	QPSK	50	0	18.80	18.82	18.79	19.5	1
20	QPSK	50	24	18.72	18.78	18.75		
20	QPSK	50	50	18.66	18.71	18.61		
20	QPSK	100	0	18.62	18.68	18.66		
20	16QAM	1	0	18.71	18.72	18.68	19.5	1
20	16QAM	1	49	18.93	18.97	18.93		
20	16QAM	1	99	18.57	18.59	18.52		
20	16QAM	50	0	17.59	17.69	17.64	18.5	2
20	16QAM	50	24	17.72	17.77	17.68		
20	16QAM	50	50	17.61	17.69	17.59		
20	16QAM	100	0	17.67	17.74	17.70		
20	64QAM	1	0	17.50	17.54	17.44	18.5	2
20	64QAM	1	49	17.85	17.93	17.86		
20	64QAM	1	99	17.41	17.42	17.40		
20	64QAM	50	0	16.69	16.76	16.74	17.5	3
20	64QAM	50	24	16.72	16.74	16.69		
20	64QAM	50	50	16.55	16.64	16.61		
20	64QAM	100	0	16.70	16.73	16.66		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.42	19.37	19.37	20.5	0
15	QPSK	1	37	19.71	19.76	19.68		
15	QPSK	1	74	19.27	19.30	19.26		
15	QPSK	36	0	18.79	18.81	18.73	19.5	1
15	QPSK	36	20	18.69	18.76	18.75		
15	QPSK	36	39	18.65	18.69	18.68		
15	QPSK	75	0	18.60	18.63	18.65		
15	16QAM	1	0	18.69	18.69	18.66	19.5	1
15	16QAM	1	37	18.91	18.87	18.90		
15	16QAM	1	74	18.58	18.53	18.51		
15	16QAM	36	0	17.68	17.60	17.60	18.5	2
15	16QAM	36	20	17.70	17.69	17.69		
15	16QAM	36	39	17.62	17.61	17.68		
15	16QAM	75	0	17.66	17.70	17.67		
15	64QAM	1	0	17.48	17.49	17.47	18.5	2
15	64QAM	1	37	17.91	17.83	17.86		
15	64QAM	1	74	17.41	17.40	17.34		
15	64QAM	36	0	16.70	16.67	16.66	17.5	3
15	64QAM	36	20	16.66	16.67	16.66		
15	64QAM	36	39	16.56	16.62	16.60		
15	64QAM	75	0	16.72	16.66	16.66		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.39	19.40	19.37	20.5	0
10	QPSK	1	25	19.75	19.73	19.73		
10	QPSK	1	49	19.30	19.33	19.32		
10	QPSK	25	0	18.77	18.78	18.72	19.5	1
10	QPSK	25	12	18.70	18.68	18.74		
10	QPSK	25	25	18.66	18.70	18.61		
10	QPSK	50	0	18.67	18.61	18.66		
10	16QAM	1	0	18.66	18.65	18.71	19.5	1
10	16QAM	1	25	18.95	18.93	18.90		
10	16QAM	1	49	18.56	18.57	18.57		
10	16QAM	25	0	17.59	17.59	17.66	18.5	2
10	16QAM	25	12	17.67	17.74	17.70		
10	16QAM	25	25	17.68	17.69	17.61		
10	16QAM	50	0	17.69	17.68	17.69		
10	64QAM	1	0	17.44	17.48	17.47	18.5	2
10	64QAM	1	25	17.91	17.91	17.87		
10	64QAM	1	49	17.36	17.34	17.38		
10	64QAM	25	0	16.69	16.67	16.72	17.5	3
10	64QAM	25	12	16.64	16.68	16.64		
10	64QAM	25	25	16.58	16.57	16.56		
10	64QAM	50	0	16.64	16.65	16.68		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.40	19.35	19.36	20.5	0
5	QPSK	1	12	19.75	19.76	19.71		
5	QPSK	1	24	19.24	19.31	19.31		
5	QPSK	12	0	18.75	18.77	18.80	19.5	1
5	QPSK	12	7	18.73	18.70	18.70		
5	QPSK	12	13	18.67	18.65	18.64		
5	QPSK	25	0	18.62	18.58	18.61		
5	16QAM	1	0	18.69	18.69	18.64	19.5	1
5	16QAM	1	12	18.87	18.89	18.93		
5	16QAM	1	24	18.58	18.51	18.54		
5	16QAM	12	0	17.61	17.59	17.61	18.5	2
5	16QAM	12	7	17.72	17.71	17.75		
5	16QAM	12	13	17.68	17.63	17.60		
5	16QAM	25	0	17.72	17.73	17.65		
5	64QAM	1	0	17.49	17.45	17.48	18.5	2
5	64QAM	1	12	17.84	17.84	17.86		
5	64QAM	1	24	17.36	17.33	17.40		
5	64QAM	12	0	16.70	16.73	16.69	17.5	3
5	64QAM	12	7	16.69	16.71	16.68		
5	64QAM	12	13	16.54	16.54	16.62		
5	64QAM	25	0	16.64	16.66	16.72		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.34	19.33	19.39	20.5	0
3	QPSK	1	8	19.76	19.67	19.67		
3	QPSK	1	14	19.26	19.27	19.25		
3	QPSK	8	0	18.72	18.74	18.77	19.5	1
3	QPSK	8	4	18.69	18.76	18.72		
3	QPSK	8	7	18.66	18.61	18.67		
3	QPSK	15	0	18.65	18.64	18.58		
3	16QAM	1	0	18.63	18.69	18.66	19.5	1
3	16QAM	1	8	18.88	18.95	18.91		
3	16QAM	1	14	18.49	18.54	18.52		
3	16QAM	8	0	17.64	17.66	17.61	18.5	2
3	16QAM	8	4	17.71	17.69	17.71		
3	16QAM	8	7	17.65	17.59	17.63		
3	16QAM	15	0	17.68	17.66	17.68		
3	64QAM	1	0	17.45	17.44	17.47	18.5	2
3	64QAM	1	8	17.91	17.91	17.91		
3	64QAM	1	14	17.37	17.38	17.39		
3	64QAM	8	0	16.71	16.75	16.74	17.5	3
3	64QAM	8	4	16.73	16.68	16.73		
3	64QAM	8	7	16.59	16.55	16.59		
3	64QAM	15	0	16.65	16.66	16.72		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.42	19.38	19.35	20.5	0
1.4	QPSK	1	3	19.68	19.67	19.71		
1.4	QPSK	1	5	19.30	19.30	19.25		
1.4	QPSK	3	0	19.56	19.56	19.60		
1.4	QPSK	3	1	19.53	19.56	19.54		
1.4	QPSK	3	3	19.48	19.44	19.50		
1.4	QPSK	6	0	18.67	18.63	18.58	19.5	1
1.4	16QAM	1	0	18.66	18.69	18.70	19.5	1
1.4	16QAM	1	3	18.94	18.90	18.88		
1.4	16QAM	1	5	18.55	18.51	18.50		
1.4	16QAM	3	0	18.40	18.45	18.41		
1.4	16QAM	3	1	18.49	18.48	18.49		
1.4	16QAM	3	3	18.46	18.47	18.48		
1.4	16QAM	6	0	17.72	17.66	17.69	18.5	2
1.4	64QAM	1	0	17.51	17.45	17.48	18.5	2
1.4	64QAM	1	3	17.89	17.85	17.85		
1.4	64QAM	1	5	17.37	17.39	17.33		
1.4	64QAM	3	0	17.47	17.50	17.54		
1.4	64QAM	3	1	17.46	17.53	17.51		
1.4	64QAM	3	3	17.43	17.42	17.37		
1.4	64QAM	6	0	16.71	16.71	16.68	17.5	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.72	17.78	17.68	19.5	0
20	QPSK	1	49	18.18	18.22	18.18		
20	QPSK	1	99	17.66	17.69	17.60		
20	QPSK	50	0	17.10	17.18	17.10	18.5	1
20	QPSK	50	24	17.10	17.16	17.06		
20	QPSK	50	50	17.01	17.06	16.98		
20	QPSK	100	0	17.01	17.09	17.01		
20	16QAM	1	0	16.98	17.00	16.97	18.5	1
20	16QAM	1	49	17.43	17.46	17.45		
20	16QAM	1	99	16.91	17.01	17.00		
20	16QAM	50	0	16.03	16.12	16.06	17.5	2
20	16QAM	50	24	16.10	16.11	16.03		
20	16QAM	50	50	15.92	15.98	15.97		
20	16QAM	100	0	16.01	16.10	16.07		
20	64QAM	1	0	15.85	15.92	15.87	17.5	2
20	64QAM	1	49	16.24	16.30	16.20		
20	64QAM	1	99	15.82	15.85	15.83		
20	64QAM	50	0	15.07	15.15	15.13	16.5	3
20	64QAM	50	24	15.07	15.11	15.09		
20	64QAM	50	50	15.03	15.04	15.00		
20	64QAM	100	0	14.96	15.03	14.97		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.76	17.73	17.77	19.5	0
15	QPSK	1	37	18.13	18.21	18.16		
15	QPSK	1	74	17.60	17.67	17.64		
15	QPSK	36	0	17.10	17.12	17.14	18.5	1
15	QPSK	36	20	17.14	17.15	17.12		
15	QPSK	36	39	16.96	17.05	16.96		
15	QPSK	75	0	17.00	17.07	17.07		
15	16QAM	1	0	16.91	16.93	16.95	18.5	1
15	16QAM	1	37	17.36	17.36	17.45		
15	16QAM	1	74	16.92	16.92	16.94		
15	16QAM	36	0	16.02	16.07	16.05	17.5	2
15	16QAM	36	20	16.01	16.09	16.10		
15	16QAM	36	39	15.96	15.89	15.92		
15	16QAM	75	0	16.02	16.06	16.02		
15	64QAM	1	0	15.86	15.88	15.88	17.5	2
15	64QAM	1	37	16.24	16.21	16.23		
15	64QAM	1	74	15.75	15.84	15.77		
15	64QAM	36	0	15.07	15.12	15.05	16.5	3
15	64QAM	36	20	15.04	15.08	15.06		
15	64QAM	36	39	14.99	14.99	14.95		
15	64QAM	75	0	15.01	14.94	14.97		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.74	17.71	17.68	19.5	0
10	QPSK	1	25	18.19	18.15	18.14		
10	QPSK	1	49	17.62	17.65	17.64		
10	QPSK	25	0	17.15	17.08	17.13	18.5	1
10	QPSK	25	12	17.08	17.08	17.13		
10	QPSK	25	25	17.02	17.04	17.01		
10	QPSK	50	0	17.05	17.03	17.00		
10	16QAM	1	0	16.92	16.91	16.99	18.5	1
10	16QAM	1	25	17.38	17.43	17.39		
10	16QAM	1	49	17.00	16.94	16.96		
10	16QAM	25	0	16.07	16.11	16.04	17.5	2
10	16QAM	25	12	16.08	16.02	16.02		
10	16QAM	25	25	15.97	15.89	15.95		
10	16QAM	50	0	16.04	16.02	16.09		
10	64QAM	1	0	15.87	15.82	15.89	17.5	2
10	64QAM	1	25	16.25	16.21	16.20		
10	64QAM	1	49	15.80	15.84	15.83		
10	64QAM	25	0	15.12	15.13	15.07	16.5	3
10	64QAM	25	12	15.08	15.08	15.02		
10	64QAM	25	25	15.02	14.99	15.02		
10	64QAM	50	0	14.95	14.96	15.02		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.69	17.74	17.73	19.5	0
5	QPSK	1	12	18.20	18.16	18.20		
5	QPSK	1	24	17.65	17.64	17.66		
5	QPSK	12	0	17.09	17.13	17.17	18.5	1
5	QPSK	12	7	17.15	17.08	17.15		
5	QPSK	12	13	16.97	17.00	17.04		
5	QPSK	25	0	17.00	17.08	17.03		
5	16QAM	1	0	16.93	16.92	16.91	18.5	1
5	16QAM	1	12	17.44	17.39	17.42		
5	16QAM	1	24	16.93	16.98	16.91		
5	16QAM	12	0	16.03	16.06	16.09	17.5	2
5	16QAM	12	7	16.04	16.04	16.06		
5	16QAM	12	13	15.94	15.89	15.95		
5	16QAM	25	0	16.05	16.09	16.03		
5	64QAM	1	0	15.85	15.86	15.89	17.5	2
5	64QAM	1	12	16.27	16.25	16.29		
5	64QAM	1	24	15.76	15.75	15.75		
5	64QAM	12	0	15.11	15.07	15.09	16.5	3
5	64QAM	12	7	15.08	15.05	15.08		
5	64QAM	12	13	14.99	15.01	15.01		
5	64QAM	25	0	14.99	14.99	14.96		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.71	17.73	17.76	19.5	0
3	QPSK	1	8	18.18	18.21	18.18		
3	QPSK	1	14	17.67	17.59	17.64		
3	QPSK	8	0	17.16	17.09	17.09	18.5	1
3	QPSK	8	4	17.08	17.13	17.11		
3	QPSK	8	7	16.99	17.03	17.03		
3	QPSK	15	0	17.01	17.06	17.04		
3	16QAM	1	0	16.98	16.93	16.96	18.5	1
3	16QAM	1	8	17.40	17.45	17.41		
3	16QAM	1	14	16.95	16.96	16.97		
3	16QAM	8	0	16.02	16.02	16.09	17.5	2
3	16QAM	8	4	16.06	16.05	16.03		
3	16QAM	8	7	15.95	15.90	15.94		
3	16QAM	15	0	16.06	16.04	16.09		
3	64QAM	1	0	15.91	15.91	15.89	17.5	2
3	64QAM	1	8	16.21	16.28	16.29		
3	64QAM	1	14	15.84	15.82	15.83		
3	64QAM	8	0	15.07	15.09	15.14	16.5	3
3	64QAM	8	4	15.08	15.07	15.01		
3	64QAM	8	7	15.02	14.99	14.97		
3	64QAM	15	0	14.95	14.93	14.95		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.73	17.68	17.70	19.5	0
1.4	QPSK	1	3	18.16	18.19	18.15		
1.4	QPSK	1	5	17.65	17.60	17.67		
1.4	QPSK	3	0	17.96	17.94	17.90		
1.4	QPSK	3	1	17.92	17.87	17.87		
1.4	QPSK	3	3	17.85	17.81	17.85		
1.4	QPSK	6	0	17.07	17.01	16.99	18.5	1
1.4	16QAM	1	0	16.97	16.92	16.96	18.5	1
1.4	16QAM	1	3	17.37	17.44	17.36		
1.4	16QAM	1	5	16.97	16.93	16.96		
1.4	16QAM	3	0	16.91	16.83	16.83		
1.4	16QAM	3	1	16.89	16.90	16.88		
1.4	16QAM	3	3	16.75	16.77	16.76		
1.4	16QAM	6	0	16.03	16.08	16.03	17.5	2
1.4	64QAM	1	0	15.88	15.90	15.87	17.5	2
1.4	64QAM	1	3	16.23	16.22	16.26		
1.4	64QAM	1	5	15.76	15.84	15.75		
1.4	64QAM	3	0	15.94	15.85	15.86		
1.4	64QAM	3	1	15.84	15.85	15.86		
1.4	64QAM	3	3	15.74	15.78	15.82		
1.4	64QAM	6	0	14.94	14.99	14.99	16.5	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	15.49	15.54	15.46	16.5	0
20	QPSK	1	49	15.93	15.97	15.93		
20	QPSK	1	99	15.64	15.66	15.63		
20	QPSK	50	0	15.05	15.11	15.05	15.5	1
20	QPSK	50	24	15.01	15.05	15.03		
20	QPSK	50	50	14.95	14.99	14.95		
20	QPSK	100	0	15.03	15.05	14.99		
20	16QAM	1	0	14.83	14.88	14.78	15.5	1
20	16QAM	1	49	15.02	15.06	14.99		
20	16QAM	1	99	14.78	14.88	14.79		
20	16QAM	50	0	14.06	14.10	14.06	14.5	2
20	16QAM	50	24	14.05	14.13	14.05		
20	16QAM	50	50	14.05	14.09	14.01		
20	16QAM	100	0	14.00	14.07	13.99		
20	64QAM	1	0	13.68	13.77	13.71	14.5	2
20	64QAM	1	49	14.06	14.14	14.06		
20	64QAM	1	99	13.69	13.77	13.70		
20	64QAM	50	0	13.04	13.08	13.00	13.5	3
20	64QAM	50	24	12.96	13.03	12.98		
20	64QAM	50	50	13.11	13.15	13.13		
20	64QAM	100	0	13.03	13.11	13.07		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	15.51	15.49	15.48	16.5	0
15	QPSK	1	37	15.88	15.88	15.93		
15	QPSK	1	74	15.58	15.59	15.61		
15	QPSK	36	0	15.10	15.03	15.06	15.5	1
15	QPSK	36	20	15.03	15.03	14.97		
15	QPSK	36	39	14.90	14.96	14.97		
15	QPSK	75	0	14.95	14.97	14.98		
15	16QAM	1	0	14.81	14.79	14.87	15.5	1
15	16QAM	1	37	15.02	14.96	15.01		
15	16QAM	1	74	14.82	14.79	14.78		
15	16QAM	36	0	14.00	14.04	14.09	14.5	2
15	16QAM	36	20	14.11	14.03	14.12		
15	16QAM	36	39	14.05	14.08	14.04		
15	16QAM	75	0	14.02	14.06	13.99		
15	64QAM	1	0	13.72	13.71	13.69	14.5	2
15	64QAM	1	37	14.09	14.04	14.04		
15	64QAM	1	74	13.76	13.67	13.69		
15	64QAM	36	0	13.03	13.00	13.06	13.5	3
15	64QAM	36	20	12.96	12.97	12.95		
15	64QAM	36	39	13.10	13.10	13.12		
15	64QAM	75	0	13.09	13.05	13.09		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	15.50	15.53	15.47	16.5	0
10	QPSK	1	25	15.90	15.90	15.94		
10	QPSK	1	49	15.61	15.60	15.61		
10	QPSK	25	0	15.04	15.04	15.10	15.5	1
10	QPSK	25	12	14.99	14.98	15.04		
10	QPSK	25	25	14.92	14.94	14.97		
10	QPSK	50	0	14.97	14.96	14.96		
10	16QAM	1	0	14.79	14.78	14.85	15.5	1
10	16QAM	1	25	15.00	14.96	15.05		
10	16QAM	1	49	14.87	14.80	14.80		
10	16QAM	25	0	14.01	14.07	14.00	14.5	2
10	16QAM	25	12	14.04	14.04	14.06		
10	16QAM	25	25	14.06	14.03	14.08		
10	16QAM	50	0	13.98	14.03	13.98		
10	64QAM	1	0	13.70	13.67	13.73	14.5	2
10	64QAM	1	25	14.09	14.08	14.08		
10	64QAM	1	49	13.68	13.75	13.71		
10	64QAM	25	0	13.06	13.07	13.00	13.5	3
10	64QAM	25	12	12.95	13.00	12.98		
10	64QAM	25	25	13.09	13.07	13.11		
10	64QAM	50	0	13.07	13.10	13.03		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	15.45	15.44	15.51	16.5	0
5	QPSK	1	12	15.88	15.95	15.93		
5	QPSK	1	24	15.65	15.63	15.58		
5	QPSK	12	0	15.10	15.07	15.03	15.5	1
5	QPSK	12	7	15.03	15.03	14.96		
5	QPSK	12	13	14.93	14.90	14.98		
5	QPSK	25	0	15.03	15.01	14.96		
5	16QAM	1	0	14.87	14.79	14.81	15.5	1
5	16QAM	1	12	15.01	15.03	15.02		
5	16QAM	1	24	14.80	14.79	14.86		
5	16QAM	12	0	14.03	14.01	14.07	14.5	2
5	16QAM	12	7	14.03	14.07	14.04		
5	16QAM	12	13	14.07	14.06	14.03		
5	16QAM	25	0	14.03	13.97	14.06		
5	64QAM	1	0	13.70	13.73	13.75	14.5	2
5	64QAM	1	12	14.04	14.12	14.04		
5	64QAM	1	24	13.74	13.71	13.70		
5	64QAM	12	0	13.04	13.07	13.07	13.5	3
5	64QAM	12	7	13.00	12.94	12.96		
5	64QAM	12	13	13.08	13.14	13.09		
5	64QAM	25	0	13.03	13.04	13.01		

Band 38_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	15.95	15.97	16.06	17.5	0
20	QPSK	1	49	16.26	16.61	16.21		
20	QPSK	1	99	15.98	16.06	16.03		
20	QPSK	50	0	15.51	15.67	15.49	16.5	1
20	QPSK	50	24	15.40	15.62	15.34		
20	QPSK	50	50	15.45	15.38	15.25		
20	QPSK	100	0	15.55	15.59	15.40		
20	16QAM	1	0	15.40	15.32	15.14	16.5	1
20	16QAM	1	49	15.49	15.64	15.48		
20	16QAM	1	99	15.38	15.42	15.12		
20	16QAM	50	0	14.51	14.61	14.52	15.5	2
20	16QAM	50	24	14.66	14.76	14.53		
20	16QAM	50	50	14.60	14.57	14.55		
20	16QAM	100	0	14.39	14.48	14.35		
20	64QAM	1	0	14.25	14.20	14.20	15.5	2
20	64QAM	1	49	14.71	14.78	14.55		
20	64QAM	1	99	14.34	14.15	14.05		
20	64QAM	50	0	13.53	13.50	13.44	14.5	3
20	64QAM	50	24	13.36	13.71	13.43		
20	64QAM	50	50	13.46	13.61	13.40		
20	64QAM	100	0	13.42	13.43	13.49		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	15.84	15.98	15.99	17.5	0
15	QPSK	1	37	16.20	16.49	16.33		
15	QPSK	1	74	16.02	16.10	15.83		
15	QPSK	36	0	15.49	15.62	15.33	16.5	1
15	QPSK	36	20	15.33	15.40	15.33		
15	QPSK	36	39	15.26	15.38	15.33		
15	QPSK	75	0	15.51	15.29	15.30		
15	16QAM	1	0	15.15	15.13	15.18	16.5	1
15	16QAM	1	37	15.33	15.57	15.47		
15	16QAM	1	74	15.13	15.29	15.11		
15	16QAM	36	0	14.54	14.67	14.28	15.5	2
15	16QAM	36	20	14.56	14.53	14.43		
15	16QAM	36	39	14.60	14.26	14.30		
15	16QAM	75	0	14.27	14.30	14.59		
15	64QAM	1	0	14.12	14.18	13.88	15.5	2
15	64QAM	1	37	14.36	14.75	14.48		
15	64QAM	1	74	14.17	14.08	14.10		
15	64QAM	36	0	13.37	13.59	13.45	14.5	3
15	64QAM	36	20	13.32	13.45	13.04		
15	64QAM	36	39	13.63	13.54	13.40		
15	64QAM	75	0	13.50	13.69	13.14		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	15.93	15.85	15.78	17.5	0
10	QPSK	1	25	16.32	16.30	16.22		
10	QPSK	1	49	15.87	16.15	15.94		
10	QPSK	25	0	15.41	15.38	15.22	16.5	1
10	QPSK	25	12	15.24	15.62	15.15		
10	QPSK	25	25	15.46	15.44	15.53		
10	QPSK	50	0	15.32	15.36	15.28		
10	16QAM	1	0	15.20	15.42	14.92	16.5	1
10	16QAM	1	25	15.44	15.69	15.64		
10	16QAM	1	49	15.36	15.37	15.17		
10	16QAM	25	0	14.52	14.70	14.52	15.5	2
10	16QAM	25	12	14.40	14.51	14.27		
10	16QAM	25	25	14.47	14.59	14.23		
10	16QAM	50	0	14.38	14.62	14.33		
10	64QAM	1	0	14.09	14.14	14.06	15.5	2
10	64QAM	1	25	14.53	14.73	14.42		
10	64QAM	1	49	14.04	14.05	14.10		
10	64QAM	25	0	13.39	13.48	13.30	14.5	3
10	64QAM	25	12	13.15	13.44	13.38		
10	64QAM	25	25	13.46	13.32	13.43		
10	64QAM	50	0	13.44	13.60	13.20		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.07	16.12	15.80	17.5	0
5	QPSK	1	12	16.50	16.30	16.17		
5	QPSK	1	24	15.82	15.98	15.85		
5	QPSK	12	0	15.36	15.54	15.49	16.5	1
5	QPSK	12	7	15.52	15.55	15.23		
5	QPSK	12	13	15.52	15.60	15.47		
5	QPSK	25	0	15.43	15.43	15.28		
5	16QAM	1	0	15.14	15.21	15.16	16.5	1
5	16QAM	1	12	15.65	15.54	15.39		
5	16QAM	1	24	15.11	15.18	15.05		
5	16QAM	12	0	14.33	14.53	14.35	15.5	2
5	16QAM	12	7	14.29	14.45	14.36		
5	16QAM	12	13	14.22	14.22	14.16		
5	16QAM	25	0	14.49	14.55	14.19		
5	64QAM	1	0	14.04	14.05	14.07	15.5	2
5	64QAM	1	12	14.40	14.60	14.62		
5	64QAM	1	24	14.08	13.97	14.13		
5	64QAM	12	0	13.33	13.48	13.42	14.5	3
5	64QAM	12	7	13.41	13.24	13.15		
5	64QAM	12	13	13.43	13.53	13.32		
5	64QAM	25	0	13.50	13.64	13.42		

Reduced Power Mode for ECI6

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.07	32.16	32.14	**33.50**	23.07	23.16	23.14	24.50
GPRS 1 Tx slot	32.05	32.14	32.12	**33.50**	23.05	23.14	23.12	24.50
GPRS 2 Tx slots	29.98	30.14	30.03	**31.50**	23.98	24.14	24.03	25.50
GPRS 3 Tx slots	28.00	28.08	28.02	**29.50**	23.74	23.82	23.76	25.24
GPRS 4 Tx slots	26.03	26.16	26.05	**27.50**	23.03	23.16	23.05	24.50
EDGE 1 Tx slot	26.36	26.33	26.26	**27.50**	17.36	17.33	17.26	18.50
EDGE 2 Tx slots	24.21	24.33	24.09	**25.50**	18.21	18.33	18.09	19.50
EDGE 3 Tx slots	22.25	22.31	22.18	**23.50**	17.99	18.05	17.92	19.24
EDGE 4 Tx slots	20.09	20.01	19.97	**21.00**	17.09	17.01	16.97	18.00

GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.22	29.50	29.34	**30.50**	20.22	20.50	20.34	21.50
GPRS 1 Tx slot	29.06	29.35	29.23	**30.50**	20.06	20.35	20.23	21.50
GPRS 2 Tx slots	26.92	27.25	27.10	**28.50**	20.92	21.25	21.10	22.50
GPRS 3 Tx slots	24.78	25.22	24.98	**26.50**	20.52	20.96	20.72	22.24
GPRS 4 Tx slots	22.70	23.28	22.96	**24.50**	19.70	20.28	19.96	21.50
EDGE 1 Tx slot	25.60	25.67	25.65	**26.50**	16.60	16.67	16.65	17.50
EDGE 2 Tx slots	23.65	23.78	23.50	**24.50**	17.65	17.78	17.50	18.50
EDGE 3 Tx slots	21.53	21.58	21.75	**22.50**	17.27	17.32	17.49	18.24
EDGE 4 Tx slots	18.97	19.21	19.16	**20.50**	15.97	16.21	16.16	17.50

Band		WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA IV_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.71	20.74	20.64	**21.50**	20.42	20.52	20.47	**21.50**	23.09	23.12	23.01	**24.00**
3GPP Rel 99	RMC 12.2Kbps	20.80	20.81	20.78	**21.50**	20.55	20.59	20.53	**21.50**	23.10	23.13	23.07	**24.00**
3GPP Rel 6	HSDPA Subtest-1	19.63	19.64	19.54	**20.50**	19.51	19.58	19.56	**20.50**	22.17	22.12	22.14	**23.00**
3GPP Rel 6	HSDPA Subtest-2	19.57	19.61	19.57	**20.50**	19.52	19.60	19.56	**20.50**	22.18	22.06	22.01	**23.00**
3GPP Rel 6	HSDPA Subtest-3	19.02	19.09	19.03	**20.00**	18.99	19.03	19.01	**20.00**	21.68	21.53	21.54	**22.50**
3GPP Rel 6	HSDPA Subtest-4	18.99	19.04	19.03	**20.00**	18.95	19.02	19.01	**20.00**	21.70	21.50	21.46	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-1	19.38	19.48	19.38	**20.50**	19.43	19.50	19.47	**20.50**	21.68	21.72	21.76	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-2	19.48	19.54	19.47	**20.50**	19.50	19.58	19.49	**20.50**	21.74	21.86	21.84	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-3	19.18	19.25	19.24	**20.00**	18.94	19.02	18.93	**20.00**	21.22	21.34	21.25	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-4	19.10	19.17	19.11	**20.00**	18.79	18.88	18.83	**20.00**	21.22	21.06	21.13	**22.50**
3GPP Rel 6	HSUPA Subtest-1	17.56	17.64	17.57	**19.00**	17.48	17.58	17.55	**19.00**	20.24	20.27	20.20	**21.50**
3GPP Rel 6	HSUPA Subtest-2	17.59	17.65	17.58	**19.00**	17.50	17.56	17.49	**19.00**	20.03	20.04	20.02	**21.50**
3GPP Rel 6	HSUPA Subtest-3	18.69	18.70	18.67	**20.00**	18.63	18.68	18.64	**20.00**	21.13	21.16	21.10	**22.50**
3GPP Rel 6	HSUPA Subtest-4	17.07	17.10	17.03	**18.50**	16.94	17.00	16.91	**18.50**	19.61	19.60	19.61	**21.00**
3GPP Rel 6	HSUPA Subtest-5	18.60	18.69	18.68	**20.00**	18.54	18.59	18.55	**20.00**	21.00	21.00	21.00	**22.50**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.28	17.29	17.21	**18.50**	16.98	17.04	17.01	**18.50**	19.94	20.05	19.71	**21.00**

Band 2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.68	20.75	20.68	22	0
20	QPSK	1	49	21.12	21.14	21.10		
20	QPSK	1	99	20.72	20.73	20.72		
20	QPSK	50	0	20.01	20.09	20.01	21	1
20	QPSK	50	24	20.05	20.15	20.08		
20	QPSK	50	50	20.01	20.10	20.02		
20	QPSK	100	0	20.06	20.08	20.02		
20	16QAM	1	0	20.06	20.11	20.10	21	1
20	16QAM	1	49	20.37	20.38	20.29		
20	16QAM	1	99	19.92	19.99	19.92		
20	16QAM	50	0	19.00	19.10	19.08	20	2
20	16QAM	50	24	19.05	19.07	19.03		
20	16QAM	50	50	18.99	19.09	19.07		
20	16QAM	100	0	19.01	19.02	18.97		
20	64QAM	1	0	18.95	18.97	18.91	20	2
20	64QAM	1	49	19.20	19.23	19.20		
20	64QAM	1	99	18.72	18.78	18.73		
20	64QAM	50	0	18.04	18.10	18.02	19	3
20	64QAM	50	24	18.07	18.08	18.03		
20	64QAM	50	50	17.99	18.06	17.99		
20	64QAM	100	0	17.93	18.02	17.96		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.65	20.66	20.70	22	0
15	QPSK	1	37	21.12	21.05	21.10		
15	QPSK	1	74	20.64	20.72	20.70		
15	QPSK	36	0	20.03	20.07	20.05	21	1
15	QPSK	36	20	20.09	20.08	20.10		
15	QPSK	36	39	20.09	20.05	20.06		
15	QPSK	75	0	20.05	20.07	20.03		
15	16QAM	1	0	20.02	20.02	20.01	21	1
15	16QAM	1	37	20.34	20.35	20.29		
15	16QAM	1	74	19.90	19.91	19.91		
15	16QAM	36	0	19.09	19.01	19.09	20	2
15	16QAM	36	20	18.99	19.00	19.03		
15	16QAM	36	39	18.99	19.00	19.08		
15	16QAM	75	0	18.99	18.95	18.99		
15	64QAM	1	0	18.95	18.93	18.94	20	2
15	64QAM	1	37	19.17	19.17	19.20		
15	64QAM	1	74	18.68	18.71	18.68		
15	64QAM	36	0	18.07	18.00	18.08	19	3
15	64QAM	36	20	17.98	18.00	18.04		
15	64QAM	36	39	18.03	17.98	18.02		
15	64QAM	75	0	18.00	17.97	17.97		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.74	20.74	20.68	22	0
10	QPSK	1	25	21.08	21.12	21.04		
10	QPSK	1	49	20.64	20.66	20.68		
10	QPSK	25	0	19.99	20.06	20.03	21	1
10	QPSK	25	12	20.06	20.11	20.06		
10	QPSK	25	25	20.00	20.01	20.04		
10	QPSK	50	0	20.00	20.01	20.05		
10	16QAM	1	0	20.03	20.01	20.07	21	1
10	16QAM	1	25	20.35	20.30	20.35		
10	16QAM	1	49	19.92	19.91	19.96		
10	16QAM	25	0	19.08	19.01	19.08	20	2
10	16QAM	25	12	19.00	18.97	19.00		
10	16QAM	25	25	18.99	19.08	19.08		
10	16QAM	50	0	18.92	18.99	18.99		
10	64QAM	1	0	18.94	18.95	18.89	20	2
10	64QAM	1	25	19.19	19.18	19.17		
10	64QAM	1	49	18.77	18.70	18.74		
10	64QAM	25	0	18.09	18.01	18.04	19	3
10	64QAM	25	12	18.07	18.05	18.03		
10	64QAM	25	25	17.98	18.03	18.00		
10	64QAM	50	0	18.01	17.94	17.92		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.68	20.65	20.69	22	0
5	QPSK	1	12	21.08	21.13	21.06		
5	QPSK	1	24	20.65	20.69	20.69		
5	QPSK	12	0	20.01	20.07	20.05	21	1
5	QPSK	12	7	20.05	20.13	20.05		
5	QPSK	12	13	20.05	20.06	20.00		
5	QPSK	25	0	19.99	20.01	20.02		
5	16QAM	1	0	20.01	20.03	20.10	21	1
5	16QAM	1	12	20.37	20.30	20.37		
5	16QAM	1	24	19.97	19.97	19.93		
5	16QAM	12	0	19.05	19.05	19.08	20	2
5	16QAM	12	7	19.05	18.99	19.05		
5	16QAM	12	13	19.00	19.00	19.02		
5	16QAM	25	0	18.92	18.97	18.97		
5	64QAM	1	0	18.87	18.90	18.92	20	2
5	64QAM	1	12	19.22	19.20	19.20		
5	64QAM	1	24	18.73	18.74	18.76		
5	64QAM	12	0	18.08	18.08	18.05	19	3
5	64QAM	12	7	18.05	18.03	18.03		
5	64QAM	12	13	18.03	18.05	18.03		
5	64QAM	25	0	17.97	17.98	17.92		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.66	20.69	20.71	22	0
3	QPSK	1	8	21.13	21.09	21.07		
3	QPSK	1	14	20.72	20.69	20.63		
3	QPSK	8	0	20.04	20.06	20.06	21	1
3	QPSK	8	4	20.13	20.11	20.11		
3	QPSK	8	7	20.05	20.06	20.05		
3	QPSK	15	0	20.07	20.06	19.98		
3	16QAM	1	0	20.08	20.03	20.10	21	1
3	16QAM	1	8	20.29	20.28	20.34		
3	16QAM	1	14	19.90	19.91	19.94		
3	16QAM	8	0	19.09	19.03	19.04	20	2
3	16QAM	8	4	18.99	18.99	19.01		
3	16QAM	8	7	19.03	18.99	19.03		
3	16QAM	15	0	18.96	18.96	18.99		
3	64QAM	1	0	18.95	18.87	18.95	20	2
3	64QAM	1	8	19.20	19.14	19.20		
3	64QAM	1	14	18.75	18.70	18.69		
3	64QAM	8	0	18.03	18.04	18.00	19	3
3	64QAM	8	4	18.00	18.05	18.01		
3	64QAM	8	7	18.05	17.99	18.03		
3	64QAM	15	0	17.92	17.94	17.94		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.72	20.70	20.66	22	0
1.4	QPSK	1	3	21.13	21.08	21.04		
1.4	QPSK	1	5	20.63	20.63	20.63		
1.4	QPSK	3	0	20.83	20.83	20.81		
1.4	QPSK	3	1	20.85	20.93	20.85		
1.4	QPSK	3	3	20.88	20.87	20.85		
1.4	QPSK	6	0	20.06	19.98	19.98	21	1
1.4	16QAM	1	0	20.10	20.09	20.10	21	1
1.4	16QAM	1	3	20.32	20.36	20.35		
1.4	16QAM	1	5	19.89	19.94	19.96		
1.4	16QAM	3	0	19.80	19.84	19.88		
1.4	16QAM	3	1	19.86	19.80	19.82		
1.4	16QAM	3	3	19.83	19.82	19.83		
1.4	16QAM	6	0	18.98	18.92	18.96	20	2
1.4	64QAM	1	0	18.94	18.92	18.88	20	2
1.4	64QAM	1	3	19.20	19.13	19.20		
1.4	64QAM	1	5	18.71	18.73	18.73		
1.4	64QAM	3	0	18.85	18.80	18.81		
1.4	64QAM	3	1	18.81	18.80	18.84		
1.4	64QAM	3	3	18.80	18.80	18.76		
1.4	64QAM	6	0	18.77	18.78	18.78	19	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.71	17.79	17.70	19.5	0
20	QPSK	1	49	18.07	18.13	18.04		
20	QPSK	1	99	17.67	17.73	17.66		
20	QPSK	50	0	17.15	17.16	17.10	18.5	1
20	QPSK	50	24	16.96	17.05	16.97		
20	QPSK	50	50	16.99	17.03	17.00		
20	QPSK	100	0	16.94	17.02	16.98		
20	16QAM	1	0	17.00	17.03	16.93	18.5	1
20	16QAM	1	49	17.26	17.32	17.25		
20	16QAM	1	99	16.89	16.96	16.94		
20	16QAM	50	0	16.04	16.10	16.03	17.5	2
20	16QAM	50	24	16.01	16.04	16.02		
20	16QAM	50	50	15.96	16.01	15.91		
20	16QAM	100	0	15.93	16.03	15.99		
20	64QAM	1	0	15.82	15.91	15.81	17.5	2
20	64QAM	1	49	16.17	16.25	16.22		
20	64QAM	1	99	15.77	15.80	15.73		
20	64QAM	50	0	15.12	15.15	15.06	16.5	3
20	64QAM	50	24	14.94	15.04	15.00		
20	64QAM	50	50	14.85	14.92	14.91		
20	64QAM	100	0	15.02	15.04	14.94		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.78	17.75	17.72	19.5	0
15	QPSK	1	37	18.07	18.10	18.06		
15	QPSK	1	74	17.67	17.69	17.66		
15	QPSK	36	0	17.06	17.06	17.10	18.5	1
15	QPSK	36	20	17.04	16.97	16.97		
15	QPSK	36	39	16.94	16.97	16.93		
15	QPSK	75	0	16.96	16.96	17.01		
15	16QAM	1	0	16.96	17.00	16.97	18.5	1
15	16QAM	1	37	17.26	17.29	17.31		
15	16QAM	1	74	16.88	16.90	16.95		
15	16QAM	36	0	16.03	16.05	16.04	17.5	2
15	16QAM	36	20	15.99	15.97	16.02		
15	16QAM	36	39	15.93	15.91	15.92		
15	16QAM	75	0	15.99	15.93	15.94		
15	64QAM	1	0	15.84	15.83	15.85	17.5	2
15	64QAM	1	37	16.17	16.15	16.24		
15	64QAM	1	74	15.77	15.71	15.77		
15	64QAM	36	0	15.11	15.11	15.10	16.5	3
15	64QAM	36	20	14.98	14.99	15.02		
15	64QAM	36	39	14.88	14.86	14.82		
15	64QAM	75	0	14.94	14.96	14.98		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.72	17.70	17.76	19.5	0
10	QPSK	1	25	18.07	18.04	18.05		
10	QPSK	1	49	17.72	17.71	17.69		
10	QPSK	25	0	17.09	17.12	17.13	18.5	1
10	QPSK	25	12	16.99	17.00	17.00		
10	QPSK	25	25	17.00	16.99	16.99		
10	QPSK	50	0	16.98	16.95	16.93		
10	16QAM	1	0	17.00	16.94	17.02	18.5	1
10	16QAM	1	25	17.25	17.23	17.29		
10	16QAM	1	49	16.92	16.95	16.90		
10	16QAM	25	0	16.01	16.03	16.04	17.5	2
10	16QAM	25	12	16.01	16.01	15.98		
10	16QAM	25	25	15.93	15.91	15.96		
10	16QAM	50	0	16.02	15.93	15.99		
10	64QAM	1	0	15.87	15.84	15.83	17.5	2
10	64QAM	1	25	16.23	16.23	16.17		
10	64QAM	1	49	15.72	15.70	15.75		
10	64QAM	25	0	15.07	15.07	15.07	16.5	3
10	64QAM	25	12	15.01	15.00	14.98		
10	64QAM	25	25	14.88	14.87	14.84		
10	64QAM	50	0	14.97	15.00	14.99		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.77	17.74	17.70	19.5	0
5	QPSK	1	12	18.04	18.03	18.11		
5	QPSK	1	24	17.71	17.68	17.68		
5	QPSK	12	0	17.13	17.07	17.10	18.5	1
5	QPSK	12	7	17.01	16.99	17.02		
5	QPSK	12	13	16.93	16.94	16.93		
5	QPSK	25	0	16.93	16.99	16.98		
5	16QAM	1	0	16.97	16.99	16.93	18.5	1
5	16QAM	1	12	17.25	17.22	17.30		
5	16QAM	1	24	16.94	16.87	16.86		
5	16QAM	12	0	16.09	16.09	16.02	17.5	2
5	16QAM	12	7	16.01	15.98	16.01		
5	16QAM	12	13	15.98	15.99	15.93		
5	16QAM	25	0	15.94	15.95	16.01		
5	64QAM	1	0	15.88	15.84	15.84	17.5	2
5	64QAM	1	12	16.21	16.21	16.22		
5	64QAM	1	24	15.73	15.75	15.71		
5	64QAM	12	0	15.07	15.08	15.09	16.5	3
5	64QAM	12	7	14.97	14.97	15.00		
5	64QAM	12	13	14.89	14.88	14.91		
5	64QAM	25	0	15.02	15.02	14.98		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.69	17.70	17.74	19.5	0
3	QPSK	1	8	18.11	18.08	18.04		
3	QPSK	1	14	17.69	17.66	17.66		
3	QPSK	8	0	17.10	17.11	17.12	18.5	1
3	QPSK	8	4	16.98	17.01	16.97		
3	QPSK	8	7	16.96	17.00	16.98		
3	QPSK	15	0	17.00	16.93	16.95		
3	16QAM	1	0	16.98	16.93	17.00	18.5	1
3	16QAM	1	8	17.30	17.31	17.23		
3	16QAM	1	14	16.88	16.86	16.91		
3	16QAM	8	0	16.09	16.02	16.06	17.5	2
3	16QAM	8	4	15.97	15.98	16.02		
3	16QAM	8	7	16.00	15.92	15.96		
3	16QAM	15	0	15.94	16.00	16.00		
3	64QAM	1	0	15.86	15.83	15.88	17.5	2
3	64QAM	1	8	16.24	16.15	16.16		
3	64QAM	1	14	15.76	15.75	15.71		
3	64QAM	8	0	15.08	15.06	15.11	16.5	3
3	64QAM	8	4	15.03	14.97	14.96		
3	64QAM	8	7	14.83	14.82	14.87		
3	64QAM	15	0	15.03	15.03	14.98		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.70	17.73	17.76	19.5	0
1.4	QPSK	1	3	18.08	18.03	18.09		
1.4	QPSK	1	5	17.71	17.70	17.67		
1.4	QPSK	3	0	17.94	17.90	17.94		
1.4	QPSK	3	1	17.79	17.79	17.78		
1.4	QPSK	3	3	17.76	17.74	17.78		
1.4	QPSK	6	0	16.96	16.97	16.94	18.5	1
1.4	16QAM	1	0	16.97	16.99	16.96	18.5	1
1.4	16QAM	1	3	17.30	17.29	17.30		
1.4	16QAM	1	5	16.86	16.87	16.88		
1.4	16QAM	3	0	16.89	16.87	16.86		
1.4	16QAM	3	1	16.76	16.82	16.83		
1.4	16QAM	3	3	16.79	16.78	16.79		
1.4	16QAM	6	0	15.98	16.00	15.99	17.5	2
1.4	64QAM	1	0	15.87	15.81	15.83	17.5	2
1.4	64QAM	1	3	16.15	16.21	16.17		
1.4	64QAM	1	5	15.79	15.79	15.77		
1.4	64QAM	3	0	15.91	15.91	15.93		
1.4	64QAM	3	1	15.75	15.81	15.79		
1.4	64QAM	3	3	15.67	15.67	15.69		
1.4	64QAM	6	0	15.03	14.96	14.99	16.5	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.79	20.83	20.82	22	0
20	QPSK	1	49	21.10	21.14	21.07		
20	QPSK	1	99	20.64	20.69	20.59		
20	QPSK	50	0	20.08	20.11	20.08	21	1
20	QPSK	50	24	20.10	20.16	20.13		
20	QPSK	50	50	20.06	20.13	20.08		
20	QPSK	100	0	20.08	20.11	20.07		
20	16QAM	1	0	20.10	20.13	20.08	21	1
20	16QAM	1	49	20.40	20.43	20.34		
20	16QAM	1	99	19.85	19.93	19.90		
20	16QAM	50	0	19.07	19.08	19.04	20	2
20	16QAM	50	24	18.97	19.04	19.02		
20	16QAM	50	50	18.98	19.07	19.06		
20	16QAM	100	0	18.97	19.04	19.03		
20	64QAM	1	0	18.92	19.02	19.01	20	2
20	64QAM	1	49	19.26	19.31	19.28		
20	64QAM	1	99	18.62	18.70	18.69		
20	64QAM	50	0	18.12	18.15	18.09	19	3
20	64QAM	50	24	18.10	18.16	18.06		
20	64QAM	50	50	17.97	18.07	18.00		
20	64QAM	100	0	18.02	18.06	18.02		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.79	20.79	20.79	22	0
15	QPSK	1	37	21.08	21.09	21.04		
15	QPSK	1	74	20.60	20.61	20.65		
15	QPSK	36	0	20.01	20.09	20.03	21	1
15	QPSK	36	20	20.15	20.08	20.14		
15	QPSK	36	39	20.10	20.12	20.04		
15	QPSK	75	0	20.09	20.01	20.07		
15	16QAM	1	0	20.03	20.08	20.03	21	1
15	16QAM	1	37	20.42	20.34	20.38		
15	16QAM	1	74	19.88	19.87	19.89		
15	16QAM	36	0	19.04	19.05	19.02	20	2
15	16QAM	36	20	19.01	19.03	18.99		
15	16QAM	36	39	19.06	19.02	18.98		
15	16QAM	75	0	19.00	18.98	18.96		
15	64QAM	1	0	18.97	18.93	18.97	20	2
15	64QAM	1	37	19.24	19.30	19.22		
15	64QAM	1	74	18.63	18.64	18.67		
15	64QAM	36	0	18.14	18.10	18.12	19	3
15	64QAM	36	20	18.06	18.09	18.15		
15	64QAM	36	39	17.99	18.06	18.05		
15	64QAM	75	0	17.99	17.96	18.05		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.77	20.74	20.79	22	0
10	QPSK	1	25	21.11	21.11	21.12		
10	QPSK	1	49	20.65	20.65	20.62		
10	QPSK	25	0	20.08	20.02	20.05	21	1
10	QPSK	25	12	20.08	20.07	20.13		
10	QPSK	25	25	20.03	20.07	20.08		
10	QPSK	50	0	20.07	20.04	20.01		
10	16QAM	1	0	20.06	20.07	20.09	21	1
10	16QAM	1	25	20.40	20.34	20.41		
10	16QAM	1	49	19.86	19.92	19.85		
10	16QAM	25	0	19.02	19.06	19.04	20	2
10	16QAM	25	12	18.94	19.02	19.00		
10	16QAM	25	25	18.98	19.04	19.00		
10	16QAM	50	0	19.02	18.99	18.97		
10	64QAM	1	0	18.97	18.93	18.98	20	2
10	64QAM	1	25	19.28	19.23	19.22		
10	64QAM	1	49	18.68	18.64	18.62		
10	64QAM	25	0	18.10	18.11	18.07	19	3
10	64QAM	25	12	18.07	18.09	18.07		
10	64QAM	25	25	17.97	18.02	18.04		
10	64QAM	50	0	18.03	18.00	18.01		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.77	20.78	20.77	22	0
5	QPSK	1	12	21.10	21.07	21.04		
5	QPSK	1	24	20.66	20.61	20.64		
5	QPSK	12	0	20.06	20.03	20.02	21	1
5	QPSK	12	7	20.07	20.14	20.15		
5	QPSK	12	13	20.05	20.03	20.10		
5	QPSK	25	0	20.09	20.02	20.06		
5	16QAM	1	0	20.06	20.12	20.07	21	1
5	16QAM	1	12	20.35	20.36	20.41		
5	16QAM	1	24	19.83	19.84	19.84		
5	16QAM	12	0	19.06	18.99	19.02	20	2
5	16QAM	12	7	18.98	18.98	18.99		
5	16QAM	12	13	19.03	19.06	19.00		
5	16QAM	25	0	18.95	18.94	19.00		
5	64QAM	1	0	18.93	18.93	18.97	20	2
5	64QAM	1	12	19.28	19.29	19.24		
5	64QAM	1	24	18.61	18.68	18.69		
5	64QAM	12	0	18.11	18.06	18.07	19	3
5	64QAM	12	7	18.07	18.07	18.10		
5	64QAM	12	13	17.98	18.03	18.06		
5	64QAM	25	0	18.03	18.02	17.98		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.75	20.75	20.80	22	0
3	QPSK	1	8	21.04	21.13	21.08		
3	QPSK	1	14	20.67	20.62	20.62		
3	QPSK	8	0	20.03	20.06	20.06	21	1
3	QPSK	8	4	20.06	20.11	20.09		
3	QPSK	8	7	20.08	20.07	20.05		
3	QPSK	15	0	20.01	20.06	20.05		
3	16QAM	1	0	20.09	20.03	20.09	21	1
3	16QAM	1	8	20.40	20.41	20.40		
3	16QAM	1	14	19.89	19.86	19.85		
3	16QAM	8	0	19.07	18.99	18.99	20	2
3	16QAM	8	4	19.03	18.97	19.01		
3	16QAM	8	7	19.03	19.03	18.98		
3	16QAM	15	0	19.00	18.98	18.96		
3	64QAM	1	0	19.01	19.01	18.97	20	2
3	64QAM	1	8	19.23	19.26	19.29		
3	64QAM	1	14	18.65	18.63	18.65		
3	64QAM	8	0	18.11	18.11	18.10	19	3
3	64QAM	8	4	18.10	18.09	18.13		
3	64QAM	8	7	17.98	18.06	18.01		
3	64QAM	15	0	18.00	18.00	17.99		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.73	20.73	20.78	22	0
1.4	QPSK	1	3	21.13	21.07	21.04		
1.4	QPSK	1	5	20.59	20.60	20.68		
1.4	QPSK	3	0	20.87	20.86	20.82		
1.4	QPSK	3	1	20.94	20.89	20.94		
1.4	QPSK	3	3	20.84	20.90	20.87		
1.4	QPSK	6	0	20.02	20.08	20.05	21	1
1.4	16QAM	1	0	20.06	20.09	20.08	21	1
1.4	16QAM	1	3	20.42	20.35	20.41		
1.4	16QAM	1	5	19.87	19.84	19.87		
1.4	16QAM	3	0	19.81	19.80	19.87		
1.4	16QAM	3	1	19.74	19.78	19.83		
1.4	16QAM	3	3	19.84	19.86	19.85		
1.4	16QAM	6	0	19.00	18.96	19.01	20	2
1.4	64QAM	1	0	18.98	18.97	18.94	20	2
1.4	64QAM	1	3	19.21	19.26	19.28		
1.4	64QAM	1	5	18.69	18.60	18.62		
1.4	64QAM	3	0	18.89	18.87	18.91		
1.4	64QAM	3	1	18.92	18.91	18.86		
1.4	64QAM	3	3	18.86	18.79	18.77		
1.4	64QAM	6	0	18.05	17.99	17.97	19	3

Band 4_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.70	19.76	19.75	21.5	0
20	QPSK	1	49	20.02	20.09	20.06		
20	QPSK	1	99	19.65	19.74	19.65		
20	QPSK	50	0	19.00	19.07	19.05	20.5	1
20	QPSK	50	24	18.97	19.06	19.04		
20	QPSK	50	50	18.97	18.99	18.92		
20	QPSK	100	0	19.00	19.04	18.96		
20	16QAM	1	0	19.04	19.08	18.99	20.5	1
20	16QAM	1	49	19.22	19.31	19.27		
20	16QAM	1	99	18.72	18.73	18.69		
20	16QAM	50	0	17.89	17.98	17.93	19.5	2
20	16QAM	50	24	17.94	17.97	17.88		
20	16QAM	50	50	17.91	17.92	17.87		
20	16QAM	100	0	17.88	17.97	17.88		
20	64QAM	1	0	17.98	17.99	17.96	19.5	2
20	64QAM	1	49	18.22	18.24	18.20		
20	64QAM	1	99	17.63	17.70	17.62		
20	64QAM	50	0	16.99	17.06	17.00	18.5	3
20	64QAM	50	24	16.96	17.06	17.05		
20	64QAM	50	50	16.92	16.97	16.87		
20	64QAM	100	0	16.92	17.01	16.98		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.73	19.71	19.72	21.5	0
15	QPSK	1	37	19.99	20.08	20.03		
15	QPSK	1	74	19.67	19.72	19.64		
15	QPSK	36	0	19.06	18.99	19.01	20.5	1
15	QPSK	36	20	18.98	19.05	19.05		
15	QPSK	36	39	18.94	18.92	18.98		
15	QPSK	75	0	18.97	18.94	18.95		
15	16QAM	1	0	19.04	19.01	18.98	20.5	1
15	16QAM	1	37	19.22	19.25	19.25		
15	16QAM	1	74	18.70	18.64	18.67		
15	16QAM	36	0	17.97	17.94	17.89	19.5	2
15	16QAM	36	20	17.91	17.91	17.92		
15	16QAM	36	39	17.88	17.83	17.89		
15	16QAM	75	0	17.90	17.94	17.92		
15	64QAM	1	0	17.95	17.90	17.91	19.5	2
15	64QAM	1	37	18.14	18.18	18.14		
15	64QAM	1	74	17.66	17.68	17.65		
15	64QAM	36	0	17.01	16.99	16.96	18.5	3
15	64QAM	36	20	16.96	17.01	17.03		
15	64QAM	36	39	16.91	16.96	16.93		
15	64QAM	75	0	16.91	16.99	16.92		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.69	19.72	19.70	21.5	0
10	QPSK	1	25	20.03	20.03	20.07		
10	QPSK	1	49	19.64	19.71	19.65		
10	QPSK	25	0	19.03	18.97	19.02	20.5	1
10	QPSK	25	12	19.03	18.96	19.05		
10	QPSK	25	25	18.91	18.94	18.93		
10	QPSK	50	0	19.02	19.00	18.96		
10	16QAM	1	0	19.01	19.04	19.06	20.5	1
10	16QAM	1	25	19.24	19.28	19.21		
10	16QAM	1	49	18.67	18.66	18.64		
10	16QAM	25	0	17.93	17.95	17.97	19.5	2
10	16QAM	25	12	17.88	17.95	17.92		
10	16QAM	25	25	17.91	17.82	17.85		
10	16QAM	50	0	17.91	17.92	17.91		
10	64QAM	1	0	17.93	17.96	17.91	19.5	2
10	64QAM	1	25	18.16	18.23	18.20		
10	64QAM	1	49	17.63	17.65	17.63		
10	64QAM	25	0	16.97	16.98	16.96	18.5	3
10	64QAM	25	12	16.98	17.05	17.03		
10	64QAM	25	25	16.93	16.96	16.88		
10	64QAM	50	0	16.97	16.98	16.94		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.68	19.66	19.71	21.5	0
5	QPSK	1	12	20.00	20.06	20.07		
5	QPSK	1	24	19.73	19.71	19.72		
5	QPSK	12	0	19.01	19.03	19.06	20.5	1
5	QPSK	12	7	19.04	19.04	19.03		
5	QPSK	12	13	18.95	18.93	18.96		
5	QPSK	25	0	18.99	18.98	18.97		
5	16QAM	1	0	19.02	19.01	19.04	20.5	1
5	16QAM	1	12	19.23	19.26	19.29		
5	16QAM	1	24	18.72	18.70	18.72		
5	16QAM	12	0	17.93	17.93	17.88	19.5	2
5	16QAM	12	7	17.88	17.92	17.94		
5	16QAM	12	13	17.82	17.88	17.86		
5	16QAM	25	0	17.88	17.92	17.96		
5	64QAM	1	0	17.91	17.95	17.90	19.5	2
5	64QAM	1	12	18.23	18.21	18.19		
5	64QAM	1	24	17.62	17.65	17.66		
5	64QAM	12	0	16.98	17.02	17.03	18.5	3
5	64QAM	12	7	17.04	16.97	17.01		
5	64QAM	12	13	16.93	16.90	16.89		
5	64QAM	25	0	17.00	16.95	16.92		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.66	19.70	19.74	21.5	0
3	QPSK	1	8	20.03	20.04	20.03		
3	QPSK	1	14	19.70	19.71	19.67		
3	QPSK	8	0	19.06	19.05	19.03	20.5	1
3	QPSK	8	4	19.05	19.00	19.02		
3	QPSK	8	7	18.93	18.92	18.89		
3	QPSK	15	0	18.94	18.95	19.01		
3	16QAM	1	0	19.01	19.05	19.03	20.5	1
3	16QAM	1	8	19.27	19.30	19.25		
3	16QAM	1	14	18.64	18.66	18.72		
3	16QAM	8	0	17.93	17.91	17.93	19.5	2
3	16QAM	8	4	17.89	17.92	17.89		
3	16QAM	8	7	17.86	17.84	17.83		
3	16QAM	15	0	17.92	17.94	17.93		
3	64QAM	1	0	17.90	17.95	17.90	19.5	2
3	64QAM	1	8	18.17	18.15	18.23		
3	64QAM	1	14	17.64	17.68	17.66		
3	64QAM	8	0	17.02	16.98	17.05	18.5	3
3	64QAM	8	4	17.00	16.98	16.99		
3	64QAM	8	7	16.88	16.94	16.96		
3	64QAM	15	0	16.94	16.92	16.95		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.75	19.68	19.69	21.5	0
1.4	QPSK	1	3	20.08	20.07	20.05		
1.4	QPSK	1	5	19.64	19.64	19.66		
1.4	QPSK	3	0	19.82	19.79	19.79		
1.4	QPSK	3	1	19.83	19.83	19.77		
1.4	QPSK	3	3	19.77	19.74	19.76		
1.4	QPSK	6	0	18.94	19.02	18.96	20.5	1
1.4	16QAM	1	0	18.99	19.01	19.03	20.5	1
1.4	16QAM	1	3	19.30	19.23	19.25		
1.4	16QAM	1	5	18.68	18.63	18.66		
1.4	16QAM	3	0	18.69	18.76	18.71		
1.4	16QAM	3	1	18.68	18.73	18.74		
1.4	16QAM	3	3	18.68	18.68	18.65		
1.4	16QAM	6	0	17.88	17.93	17.87	19.5	2
1.4	64QAM	1	0	17.96	17.90	17.91	19.5	2
1.4	64QAM	1	3	18.19	18.22	18.15		
1.4	64QAM	1	5	17.63	17.65	17.62		
1.4	64QAM	3	0	17.84	17.83	17.79		
1.4	64QAM	3	1	17.78	17.77	17.77		
1.4	64QAM	3	3	17.74	17.75	17.67		
1.4	64QAM	6	0	16.99	16.94	17.00	18.5	3

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.06	23.07	23.03	24	0
10	QPSK	1	25	23.15	23.19	23.14		
10	QPSK	1	49	23.07	23.03	23.02		
10	QPSK	25	0	22.16	22.23	22.18	23	1
10	QPSK	25	12	22.16	22.15	22.16		
10	QPSK	25	25	22.13	22.15	22.01		
10	QPSK	50	0	22.16	22.19	22.07		
10	16QAM	1	0	22.25	22.32	22.25	23	1
10	16QAM	1	25	22.40	22.35	22.37		
10	16QAM	1	49	22.32	22.30	22.29		
10	16QAM	25	0	21.14	21.14	21.12	22	2
10	16QAM	25	12	21.15	21.15	21.15		
10	16QAM	25	25	21.21	21.15	20.98		
10	16QAM	50	0	21.17	21.15	21.05		
10	64QAM	1	0	21.19	21.16	21.20	22	2
10	64QAM	1	25	21.34	21.31	21.26		
10	64QAM	1	49	21.17	21.25	21.19		
10	64QAM	25	0	20.20	20.18	20.18	21	3
10	64QAM	25	12	20.20	20.17	20.18		
10	64QAM	25	25	20.24	20.16	20.03		
10	64QAM	50	0	20.21	20.16	20.09		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.93	23.02	22.95	24	0
5	QPSK	1	12	23.14	23.11	23.09		
5	QPSK	1	24	22.94	22.86	23.03		
5	QPSK	12	0	22.11	22.14	22.11	23	1
5	QPSK	12	7	22.14	21.96	22.09		
5	QPSK	12	13	21.94	22.07	21.89		
5	QPSK	25	0	22.12	22.00	22.00		
5	16QAM	1	0	22.24	22.16	22.22	23	1
5	16QAM	1	12	22.34	22.33	22.21		
5	16QAM	1	24	22.14	22.22	22.22		
5	16QAM	12	0	20.95	21.05	21.02	22	2
5	16QAM	12	7	21.07	21.08	21.05		
5	16QAM	12	13	21.09	21.00	20.81		
5	16QAM	25	0	21.02	21.11	20.87		
5	64QAM	1	0	21.04	21.17	21.02	22	2
5	64QAM	1	12	21.30	21.26	21.11		
5	64QAM	1	24	21.08	21.07	21.14		
5	64QAM	12	0	20.01	20.18	20.12	21	3
5	64QAM	12	7	20.09	20.12	20.09		
5	64QAM	12	13	20.05	19.98	19.84		
5	64QAM	25	0	20.19	20.09	20.09		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.90	22.94	22.97	24	0
3	QPSK	1	8	23.06	23.11	22.96		
3	QPSK	1	14	23.02	22.86	22.87		
3	QPSK	8	0	22.19	22.09	22.12	23	1
3	QPSK	8	4	21.97	22.08	22.08		
3	QPSK	8	7	22.08	21.96	21.88		
3	QPSK	15	0	22.17	22.09	21.97		
3	16QAM	1	0	22.22	22.17	22.21	23	1
3	16QAM	1	8	22.40	22.19	22.22		
3	16QAM	1	14	22.19	22.21	22.24		
3	16QAM	8	0	20.96	21.03	20.96	22	2
3	16QAM	8	4	21.02	20.99	21.13		
3	16QAM	8	7	21.02	21.12	20.85		
3	16QAM	15	0	21.14	21.06	21.05		
3	64QAM	1	0	21.19	21.13	21.12	22	2
3	64QAM	1	8	21.22	21.12	21.27		
3	64QAM	1	14	21.14	21.06	21.07		
3	64QAM	8	0	20.11	20.03	20.09	21	3
3	64QAM	8	4	20.09	19.98	20.07		
3	64QAM	8	7	20.10	20.04	20.01		
3	64QAM	15	0	20.07	19.98	20.05		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.00	23.00	22.97	24	0
1.4	QPSK	1	3	23.11	23.13	23.13		
1.4	QPSK	1	5	22.97	22.99	23.00		
1.4	QPSK	3	0	23.11	23.08	23.09		
1.4	QPSK	3	1	23.13	23.14	23.17		
1.4	QPSK	3	3	23.09	23.11	23.09		
1.4	QPSK	6	0	22.13	22.12	22.12	23	1
1.4	16QAM	1	0	22.15	22.19	22.24	23	1
1.4	16QAM	1	3	22.34	22.36	22.31		
1.4	16QAM	1	5	22.24	22.19	22.14		
1.4	16QAM	3	0	22.07	22.02	22.02		
1.4	16QAM	3	1	22.09	22.13	22.07		
1.4	16QAM	3	3	22.04	22.05	22.05		
1.4	16QAM	6	0	21.18	21.14	21.17	22	2
1.4	64QAM	1	0	21.16	21.11	21.08	22	2
1.4	64QAM	1	3	21.19	21.19	21.27		
1.4	64QAM	1	5	21.14	21.13	21.14		
1.4	64QAM	3	0	21.18	21.09	21.17		
1.4	64QAM	3	1	21.24	21.23	21.17		
1.4	64QAM	3	3	21.19	21.21	21.14		
1.4	64QAM	6	0	20.15	20.15	20.11	21	3

Band 5_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.48	22.50	22.48	24	0
10	QPSK	1	25	22.58	22.64	22.59		
10	QPSK	1	49	22.48	22.48	22.51		
10	QPSK	25	0	21.60	21.72	21.69	23	1
10	QPSK	25	12	21.49	21.62	21.62		
10	QPSK	25	25	21.58	21.64	21.62		
10	QPSK	50	0	21.55	21.69	21.66		
10	16QAM	1	0	21.74	21.62	21.69	23	1
10	16QAM	1	25	21.83	21.90	21.83		
10	16QAM	1	49	21.71	21.73	21.69		
10	16QAM	25	0	20.50	20.60	20.67	22	2
10	16QAM	25	12	20.54	20.59	20.62		
10	16QAM	25	25	20.55	20.68	20.63		
10	16QAM	50	0	20.54	20.67	20.61		
10	64QAM	1	0	20.66	20.62	20.64	22	2
10	64QAM	1	25	20.76	20.78	20.81		
10	64QAM	1	49	20.58	20.56	20.58		
10	64QAM	25	0	19.55	19.66	19.74	21	3
10	64QAM	25	12	19.61	19.62	19.64		
10	64QAM	25	25	19.55	19.72	19.62		
10	64QAM	50	0	19.57	19.71	19.68		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.43	22.47	22.32	24	0
5	QPSK	1	12	22.56	22.42	22.44		
5	QPSK	1	24	22.48	22.30	22.39		
5	QPSK	12	0	21.44	21.56	21.56	23	1
5	QPSK	12	7	21.32	21.47	21.58		
5	QPSK	12	13	21.48	21.64	21.43		
5	QPSK	25	0	21.44	21.58	21.63		
5	16QAM	1	0	21.71	21.54	21.67	23	1
5	16QAM	1	12	21.70	21.71	21.84		
5	16QAM	1	24	21.63	21.68	21.55		
5	16QAM	12	0	20.43	20.51	20.58	22	2
5	16QAM	12	7	20.47	20.49	20.61		
5	16QAM	12	13	20.51	20.52	20.58		
5	16QAM	25	0	20.42	20.58	20.49		
5	64QAM	1	0	20.60	20.59	20.59	22	2
5	64QAM	1	12	20.74	20.79	20.77		
5	64QAM	1	24	20.57	20.47	20.51		
5	64QAM	12	0	19.44	19.66	19.69	21	3
5	64QAM	12	7	19.57	19.50	19.61		
5	64QAM	12	13	19.52	19.72	19.56		
5	64QAM	25	0	19.58	19.60	19.53		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.44	22.50	22.43	24	0
3	QPSK	1	8	22.44	22.48	22.45		
3	QPSK	1	14	22.46	22.48	22.39		
3	QPSK	8	0	21.59	21.53	21.70	23	1
3	QPSK	8	4	21.42	21.46	21.50		
3	QPSK	8	7	21.50	21.60	21.54		
3	QPSK	15	0	21.40	21.66	21.56		
3	16QAM	1	0	21.68	21.44	21.52	23	1
3	16QAM	1	8	21.76	21.87	21.84		
3	16QAM	1	14	21.65	21.74	21.57		
3	16QAM	8	0	20.40	20.58	20.61	22	2
3	16QAM	8	4	20.41	20.47	20.51		
3	16QAM	8	7	20.50	20.58	20.53		
3	16QAM	15	0	20.47	20.67	20.53		
3	64QAM	1	0	20.51	20.52	20.49	22	2
3	64QAM	1	8	20.67	20.70	20.64		
3	64QAM	1	14	20.44	20.44	20.59		
3	64QAM	8	0	19.42	19.51	19.59	21	3
3	64QAM	8	4	19.45	19.52	19.61		
3	64QAM	8	7	19.38	19.64	19.60		
3	64QAM	15	0	19.55	19.53	19.64		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.50	22.47	22.47	24	0
1.4	QPSK	1	3	22.61	22.52	22.54		
1.4	QPSK	1	5	22.44	22.49	22.47		
1.4	QPSK	3	0	22.54	22.59	22.61		
1.4	QPSK	3	1	22.59	22.61	22.58		
1.4	QPSK	3	3	22.58	22.58	22.61		
1.4	QPSK	6	0	21.57	21.60	21.62	23	1
1.4	16QAM	1	0	21.58	21.65	21.66	23	1
1.4	16QAM	1	3	21.77	21.85	21.79		
1.4	16QAM	1	5	21.65	21.68	21.70		
1.4	16QAM	3	0	21.49	21.54	21.53		
1.4	16QAM	3	1	21.51	21.54	21.55		
1.4	16QAM	3	3	21.52	21.53	21.53		
1.4	16QAM	6	0	20.66	20.62	20.67	22	2
1.4	64QAM	1	0	20.54	20.65	20.65	22	2
1.4	64QAM	1	3	20.95	20.70	20.71		
1.4	64QAM	1	5	20.53	20.63	20.56		
1.4	64QAM	3	0	20.66	20.66	20.65		
1.4	64QAM	3	1	20.68	20.71	20.75		
1.4	64QAM	3	3	20.66	20.65	20.68		
1.4	64QAM	6	0	19.67	19.64	19.64	21	3

Band 7_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.10	17.21	17.04	18	0
20	QPSK	1	49	17.32	17.46	17.39		
20	QPSK	1	99	17.00	17.09	17.07		
20	QPSK	50	0	16.52	16.55	16.48	17	1
20	QPSK	50	24	16.37	16.53	16.41		
20	QPSK	50	50	16.50	16.30	16.40		
20	QPSK	100	0	16.28	16.48	16.27		
20	16QAM	1	0	16.23	16.29	16.34	17	1
20	16QAM	1	49	16.48	16.71	16.59		
20	16QAM	1	99	16.13	16.29	16.38		
20	16QAM	50	0	15.45	15.55	15.55	16	2
20	16QAM	50	24	15.36	15.64	15.46		
20	16QAM	50	50	15.29	15.47	15.57		
20	16QAM	100	0	15.45	15.53	15.46		
20	64QAM	1	0	15.35	15.19	15.40	16	2
20	64QAM	1	49	15.49	15.51	15.37		
20	64QAM	1	99	15.39	15.30	15.21		
20	64QAM	50	0	14.44	14.41	14.51	15	3
20	64QAM	50	24	14.38	14.34	14.56		
20	64QAM	50	50	14.49	14.50	14.41		
20	64QAM	100	0	14.36	14.34	14.41		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.97	17.16	16.81	18	0
15	QPSK	1	37	17.13	17.18	17.24		
15	QPSK	1	74	16.94	17.13	16.95		
15	QPSK	36	0	16.37	16.42	16.37	17	1
15	QPSK	36	20	16.23	16.46	16.31		
15	QPSK	36	39	16.29	16.59	16.32		
15	QPSK	75	0	16.22	16.51	16.31		
15	16QAM	1	0	16.38	16.11	16.22	17	1
15	16QAM	1	37	16.28	16.54	16.42		
15	16QAM	1	74	16.01	16.40	16.35		
15	16QAM	36	0	15.39	15.35	15.29	16	2
15	16QAM	36	20	15.57	15.51	15.38		
15	16QAM	36	39	15.52	15.46	15.51		
15	16QAM	75	0	15.37	15.56	15.45		
15	64QAM	1	0	15.13	15.17	15.06	16	2
15	64QAM	1	37	15.42	15.20	15.33		
15	64QAM	1	74	15.04	15.27	15.18		
15	64QAM	36	0	14.26	14.31	14.36	15	3
15	64QAM	36	20	14.29	14.63	14.33		
15	64QAM	36	39	14.37	14.59	14.31		
15	64QAM	75	0	14.29	14.42	14.47		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.96	17.12	17.02	18	0
10	QPSK	1	25	17.38	17.45	17.38		
10	QPSK	1	49	16.95	17.09	17.08		
10	QPSK	25	0	16.41	16.54	16.36	17	1
10	QPSK	25	12	16.39	16.36	16.09		
10	QPSK	25	25	16.45	16.19	16.41		
10	QPSK	50	0	16.30	16.35	16.26		
10	16QAM	1	0	16.20	16.38	16.11	17	1
10	16QAM	1	25	16.49	16.42	16.48		
10	16QAM	1	49	16.24	16.40	16.32		
10	16QAM	25	0	15.34	15.48	15.11	16	2
10	16QAM	25	12	15.44	15.33	15.41		
10	16QAM	25	25	15.36	15.38	15.39		
10	16QAM	50	0	15.27	15.31	15.25		
10	64QAM	1	0	15.20	15.21	15.42	16	2
10	64QAM	1	25	15.26	15.38	15.22		
10	64QAM	1	49	14.97	15.39	15.17		
10	64QAM	25	0	14.16	14.47	14.40	15	3
10	64QAM	25	12	14.32	14.49	14.24		
10	64QAM	25	25	14.33	14.67	14.46		
10	64QAM	50	0	14.33	14.47	14.49		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.18	17.05	16.99	18	0
5	QPSK	1	12	17.33	17.43	17.23		
5	QPSK	1	24	16.87	16.97	17.23		
5	QPSK	12	0	16.39	16.40	16.23	17	1
5	QPSK	12	7	16.35	16.41	16.24		
5	QPSK	12	13	16.40	16.29	16.35		
5	QPSK	25	0	16.16	16.49	16.39		
5	16QAM	1	0	15.97	15.95	15.95	17	1
5	16QAM	1	12	16.27	16.47	16.28		
5	16QAM	1	24	16.10	16.30	16.32		
5	16QAM	12	0	15.16	15.39	15.29	16	2
5	16QAM	12	7	15.41	15.49	15.47		
5	16QAM	12	13	15.18	15.44	15.42		
5	16QAM	25	0	15.47	15.35	15.33		
5	64QAM	1	0	15.28	15.07	15.09	16	2
5	64QAM	1	12	15.44	15.19	15.38		
5	64QAM	1	24	15.37	15.36	15.12		
5	64QAM	12	0	14.24	14.62	14.17	15	3
5	64QAM	12	7	14.18	14.27	14.44		
5	64QAM	12	13	14.42	14.53	14.29		
5	64QAM	25	0	14.25	14.43	14.26		

Band 7_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.62	17.68	17.61	19.5	0
20	QPSK	1	49	18.13	18.16	18.13		
20	QPSK	1	99	17.74	17.78	17.69		
20	QPSK	50	0	17.12	17.21	17.14	18.5	1
20	QPSK	50	24	17.11	17.16	17.07		
20	QPSK	50	50	17.10	17.14	17.06		
20	QPSK	100	0	17.14	17.17	17.10		
20	16QAM	1	0	17.00	17.01	16.92	18.5	1
20	16QAM	1	49	17.27	17.37	17.34		
20	16QAM	1	99	17.00	17.06	16.96		
20	16QAM	50	0	16.14	16.17	16.10	17.5	2
20	16QAM	50	24	16.15	16.18	16.16		
20	16QAM	50	50	16.21	16.25	16.18		
20	16QAM	100	0	16.10	16.15	16.11		
20	64QAM	1	0	15.74	15.84	15.81	17.5	2
20	64QAM	1	49	16.27	16.28	16.26		
20	64QAM	1	99	15.97	16.01	15.98		
20	64QAM	50	0	15.16	15.19	15.18	16.5	3
20	64QAM	50	24	15.21	15.22	15.12		
20	64QAM	50	50	15.09	15.16	15.13		
20	64QAM	100	0	15.16	15.21	15.17		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.59	17.58	17.61	19.5	0
15	QPSK	1	37	18.07	18.12	18.10		
15	QPSK	1	74	17.76	17.72	17.75		
15	QPSK	36	0	17.20	17.17	17.13	18.5	1
15	QPSK	36	20	17.06	17.15	17.07		
15	QPSK	36	39	17.07	17.06	17.05		
15	QPSK	75	0	17.15	17.14	17.15		
15	16QAM	1	0	16.91	16.92	16.99	18.5	1
15	16QAM	1	37	17.28	17.27	17.32		
15	16QAM	1	74	17.02	16.98	16.99		
15	16QAM	36	0	16.14	16.15	16.14	17.5	2
15	16QAM	36	20	16.11	16.09	16.13		
15	16QAM	36	39	16.23	16.17	16.21		
15	16QAM	75	0	16.09	16.07	16.07		
15	64QAM	1	0	15.79	15.83	15.80	17.5	2
15	64QAM	1	37	16.23	16.23	16.26		
15	64QAM	1	74	15.99	15.96	15.94		
15	64QAM	36	0	15.10	15.14	15.17	16.5	3
15	64QAM	36	20	15.20	15.15	15.13		
15	64QAM	36	39	15.06	15.11	15.10		
15	64QAM	75	0	15.16	15.13	15.12		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.58	17.63	17.63	19.5	0
10	QPSK	1	25	18.15	18.12	18.15		
10	QPSK	1	49	17.73	17.76	17.73		
10	QPSK	25	0	17.16	17.18	17.14	18.5	1
10	QPSK	25	12	17.06	17.12	17.14		
10	QPSK	25	25	17.10	17.05	17.12		
10	QPSK	50	0	17.13	17.09	17.14		
10	16QAM	1	0	16.95	16.92	16.96	18.5	1
10	16QAM	1	25	17.33	17.36	17.27		
10	16QAM	1	49	16.96	17.03	17.05		
10	16QAM	25	0	16.15	16.08	16.14	17.5	2
10	16QAM	25	12	16.12	16.10	16.12		
10	16QAM	25	25	16.20	16.20	16.23		
10	16QAM	50	0	16.07	16.10	16.12		
10	64QAM	1	0	15.79	15.81	15.78	17.5	2
10	64QAM	1	25	16.24	16.26	16.25		
10	64QAM	1	49	15.91	15.95	16.00		
10	64QAM	25	0	15.09	15.15	15.12	16.5	3
10	64QAM	25	12	15.18	15.12	15.19		
10	64QAM	25	25	15.13	15.13	15.13		
10	64QAM	50	0	15.14	15.15	15.15		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.60	17.63	17.58	19.5	0
5	QPSK	1	12	18.15	18.06	18.07		
5	QPSK	1	24	17.71	17.75	17.74		
5	QPSK	12	0	17.11	17.16	17.17	18.5	1
5	QPSK	12	7	17.10	17.12	17.10		
5	QPSK	12	13	17.09	17.11	17.04		
5	QPSK	25	0	17.10	17.13	17.12		
5	16QAM	1	0	16.91	17.00	16.98	18.5	1
5	16QAM	1	12	17.34	17.27	17.30		
5	16QAM	1	24	16.96	17.05	17.00		
5	16QAM	12	0	16.15	16.08	16.08	17.5	2
5	16QAM	12	7	16.10	16.10	16.11		
5	16QAM	12	13	16.20	16.19	16.18		
5	16QAM	25	0	16.14	16.14	16.12		
5	64QAM	1	0	15.75	15.82	15.82	17.5	2
5	64QAM	1	12	16.25	16.19	16.27		
5	64QAM	1	24	15.93	15.99	15.93		
5	64QAM	12	0	15.18	15.14	15.11	16.5	3
5	64QAM	12	7	15.13	15.12	15.17		
5	64QAM	12	13	15.14	15.08	15.14		
5	64QAM	25	0	15.16	15.17	15.16		

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.13		24	0
10	QPSK	1	25		23.26			
10	QPSK	1	49		23.15			
10	QPSK	25	0		22.26		23	1
10	QPSK	25	12		22.16			
10	QPSK	25	25		22.13			
10	QPSK	50	0		22.19			
10	16QAM	1	0		22.33		23	1
10	16QAM	1	25		22.49			
10	16QAM	1	49		22.44			
10	16QAM	25	0		21.19		22	2
10	16QAM	25	12		21.29			
10	16QAM	25	25		21.16			
10	16QAM	50	0		21.23			
10	64QAM	1	0		21.40		22	2
10	64QAM	1	25		21.42			
10	64QAM	1	49		21.39			
10	64QAM	25	0		20.23		21	3
10	64QAM	25	12		20.29			
10	64QAM	25	25		20.18			
10	64QAM	50	0		20.19			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.00	23.00	23.07	24	0
5	QPSK	1	12	23.21	23.22	23.13		
5	QPSK	1	24	23.00	23.08	23.00		
5	QPSK	12	0	22.17	22.23	22.20	23	1
5	QPSK	12	7	22.02	22.16	22.10		
5	QPSK	12	13	22.05	21.97	22.04		
5	QPSK	25	0	22.20	22.18	22.05		
5	16QAM	1	0	22.29	22.22	22.22	23	1
5	16QAM	1	12	22.39	22.47	22.49		
5	16QAM	1	24	22.44	22.29	22.43		
5	16QAM	12	0	21.17	21.13	21.04	22	2
5	16QAM	12	7	21.10	21.23	21.23		
5	16QAM	12	13	21.03	21.14	20.98		
5	16QAM	25	0	21.15	21.23	21.04		
5	64QAM	1	0	21.35	21.24	21.38	22	2
5	64QAM	1	12	21.37	21.26	21.28		
5	64QAM	1	24	21.34	21.21	21.22		
5	64QAM	12	0	20.14	20.08	20.17	21	3
5	64QAM	12	7	20.19	20.26	20.12		
5	64QAM	12	13	20.12	20.00	20.12		
5	64QAM	25	0	20.08	20.12	20.18		

Band 26(FCC)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.99	22.91	22.94	24	0
15	QPSK	1	37	23.20	23.25	23.14		
15	QPSK	1	74	22.99	22.94	22.94		
15	QPSK	36	0	22.12	22.15	22.13	23	1
15	QPSK	36	20	22.09	22.08	22.12		
15	QPSK	36	39	22.10	22.11	22.06		
15	QPSK	75	0	22.10	22.11	22.08		
15	16QAM	1	0	22.26	22.15	22.23	23	1
15	16QAM	1	37	22.52	22.49	22.42		
15	16QAM	1	74	22.20	22.22	22.15		
15	16QAM	36	0	21.07	21.05	21.11	22	2
15	16QAM	36	20	21.11	21.09	21.15		
15	16QAM	36	39	21.08	21.10	21.03		
15	16QAM	75	0	21.10	21.07	21.10		
15	64QAM	1	0	21.17	21.08	21.15	22	2
15	64QAM	1	37	21.28	21.36	21.38		
15	64QAM	1	74	21.19	21.21	21.13		
15	64QAM	36	0	20.15	20.11	20.15	21	3
15	64QAM	36	20	20.17	20.19	20.19		
15	64QAM	36	39	20.16	20.15	20.10		
15	64QAM	75	0	20.13	20.14	20.13		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.92	22.92	22.90	24	0
10	QPSK	1	25	23.21	23.24	22.96		
10	QPSK	1	49	22.97	22.94	22.76		
10	QPSK	25	0	22.13	22.12	21.95	23	1
10	QPSK	25	12	21.91	21.93	22.05		
10	QPSK	25	25	22.08	22.07	21.89		
10	QPSK	50	0	22.09	22.12	21.90		
10	16QAM	1	0	22.27	21.96	22.23	23	1
10	16QAM	1	25	22.46	22.32	22.40		
10	16QAM	1	49	22.12	22.06	22.07		
10	16QAM	25	0	21.03	20.96	21.12	22	2
10	16QAM	25	12	20.93	20.91	21.12		
10	16QAM	25	25	21.03	20.97	20.88		
10	16QAM	50	0	20.92	20.97	20.93		
10	64QAM	1	0	21.00	20.92	21.04	22	2
10	64QAM	1	25	21.27	21.23	21.36		
10	64QAM	1	49	21.03	21.04	21.08		
10	64QAM	25	0	20.04	19.93	19.98	21	3
10	64QAM	25	12	19.99	20.04	20.15		
10	64QAM	25	25	20.08	20.01	19.99		
10	64QAM	50	0	20.13	19.96	20.07		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.93	22.82	22.75	24	0
5	QPSK	1	12	23.03	23.21	23.02		
5	QPSK	1	24	22.93	22.76	22.76		
5	QPSK	12	0	21.93	22.02	21.99	23	1
5	QPSK	12	7	22.00	22.07	22.02		
5	QPSK	12	13	22.10	22.09	21.97		
5	QPSK	25	0	22.06	21.94	22.09		
5	16QAM	1	0	22.17	22.11	22.14	23	1
5	16QAM	1	12	22.50	22.39	22.41		
5	16QAM	1	24	22.18	22.09	22.09		
5	16QAM	12	0	20.94	20.94	20.96	22	2
5	16QAM	12	7	21.06	20.94	20.98		
5	16QAM	12	13	20.90	20.94	20.84		
5	16QAM	25	0	21.01	20.95	20.94		
5	64QAM	1	0	21.15	21.08	21.01	22	2
5	64QAM	1	12	21.16	21.31	21.22		
5	64QAM	1	24	21.11	21.09	21.09		
5	64QAM	12	0	20.02	19.94	20.11	21	3
5	64QAM	12	7	19.98	20.02	20.02		
5	64QAM	12	13	20.09	20.06	19.93		
5	64QAM	25	0	20.04	20.10	19.94		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.82	22.81	22.90	24	0
3	QPSK	1	8	23.16	23.14	22.97		
3	QPSK	1	14	22.88	22.87	22.85		
3	QPSK	8	0	22.03	21.96	21.96	23	1
3	QPSK	8	4	21.98	21.93	22.01		
3	QPSK	8	7	21.93	22.03	21.93		
3	QPSK	15	0	22.09	21.98	22.06		
3	16QAM	1	0	22.14	22.02	22.21	23	1
3	16QAM	1	8	22.53	22.41	22.37		
3	16QAM	1	14	22.09	22.03	22.03		
3	16QAM	8	0	20.89	21.01	21.09	22	2
3	16QAM	8	4	20.92	21.00	21.13		
3	16QAM	8	7	21.07	21.01	21.00		
3	16QAM	15	0	21.02	20.98	20.99		
3	64QAM	1	0	21.12	20.96	21.14	22	2
3	64QAM	1	8	21.09	21.33	21.39		
3	64QAM	1	14	21.11	21.10	21.05		
3	64QAM	8	0	20.06	20.02	20.16	21	3
3	64QAM	8	4	20.12	20.14	20.18		
3	64QAM	8	7	20.09	20.06	20.00		
3	64QAM	15	0	20.13	20.12	19.98		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.01	23.00	22.98	24	0
1.4	QPSK	1	3	23.16	23.10	23.09		
1.4	QPSK	1	5	23.03	22.99	23.01		
1.4	QPSK	3	0	23.14	23.10	23.10		
1.4	QPSK	3	1	23.18	23.13	23.14		
1.4	QPSK	3	3	23.14	23.09	23.10		
1.4	QPSK	6	0	22.13	22.13	22.16	23	1
1.4	16QAM	1	0	22.17	22.21	22.13	23	1
1.4	16QAM	1	3	22.38	22.36	22.35		
1.4	16QAM	1	5	22.21	22.26	22.19		
1.4	16QAM	3	0	22.09	22.02	22.04		
1.4	16QAM	3	1	22.15	22.13	22.14		
1.4	16QAM	3	3	22.08	22.05	22.03		
1.4	16QAM	6	0	21.21	21.19	21.19	22	2
1.4	64QAM	1	0	21.17	21.21	21.20	22	2
1.4	64QAM	1	3	21.19	21.26	21.28		
1.4	64QAM	1	5	21.13	21.12	21.17		
1.4	64QAM	3	0	21.21	21.23	21.19		
1.4	64QAM	3	1	21.26	21.22	21.25		
1.4	64QAM	3	3	21.15	21.16	21.15		
1.4	64QAM	6	0	20.17	20.16	20.14	21	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.54	22.52	22.52	24	0
15	QPSK	1	37	22.77	22.79	22.71		
15	QPSK	1	74	22.55	22.53	22.52		
15	QPSK	36	0	21.71	21.75	21.72	23	1
15	QPSK	36	20	21.63	21.67	21.70		
15	QPSK	36	39	21.63	21.69	21.66		
15	QPSK	75	0	21.62	21.70	21.65		
15	16QAM	1	0	21.80	21.70	21.76	23	1
15	16QAM	1	37	21.85	22.06	21.98		
15	16QAM	1	74	21.86	21.76	21.77		
15	16QAM	36	0	20.58	20.61	20.70	22	2
15	16QAM	36	20	20.68	20.65	20.70		
15	16QAM	36	39	20.60	20.71	20.69		
15	16QAM	75	0	20.60	20.69	20.69		
15	64QAM	1	0	20.64	20.66	20.73	22	2
15	64QAM	1	37	20.95	20.85	20.95		
15	64QAM	1	74	20.70	20.64	20.66		
15	64QAM	36	0	19.68	19.72	19.77	21	3
15	64QAM	36	20	19.73	19.78	19.77		
15	64QAM	36	39	19.67	19.77	19.73		
15	64QAM	75	0	19.62	19.74	19.74		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.55	22.42	22.47	24	0
10	QPSK	1	25	22.62	22.65	22.69		
10	QPSK	1	49	22.40	22.41	22.51		
10	QPSK	25	0	21.67	21.62	21.62	23	1
10	QPSK	25	12	21.50	21.48	21.66		
10	QPSK	25	25	21.52	21.63	21.54		
10	QPSK	50	0	21.52	21.55	21.48		
10	16QAM	1	0	21.71	21.51	21.77	23	1
10	16QAM	1	25	21.80	22.05	21.84		
10	16QAM	1	49	21.72	21.69	21.66		
10	16QAM	25	0	20.51	20.44	20.69	22	2
10	16QAM	25	12	20.59	20.46	20.58		
10	16QAM	25	25	20.47	20.54	20.54		
10	16QAM	50	0	20.56	20.64	20.58		
10	64QAM	1	0	20.56	20.47	20.64	22	2
10	64QAM	1	25	20.92	20.66	20.89		
10	64QAM	1	49	20.68	20.47	20.49		
10	64QAM	25	0	19.57	19.59	19.59	21	3
10	64QAM	25	12	19.68	19.60	19.58		
10	64QAM	25	25	19.68	19.62	19.62		
10	64QAM	50	0	19.44	19.63	19.61		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.48	22.37	22.34	24	0
5	QPSK	1	12	22.61	22.78	22.52		
5	QPSK	1	24	22.47	22.34	22.49		
5	QPSK	12	0	21.63	21.63	21.73	23	1
5	QPSK	12	7	21.62	21.51	21.53		
5	QPSK	12	13	21.44	21.64	21.50		
5	QPSK	25	0	21.44	21.68	21.52		
5	16QAM	1	0	21.66	21.68	21.62	23	1
5	16QAM	1	12	21.72	21.95	21.93		
5	16QAM	1	24	21.86	21.66	21.64		
5	16QAM	12	0	20.50	20.59	20.53	22	2
5	16QAM	12	7	20.69	20.60	20.60		
5	16QAM	12	13	20.54	20.52	20.55		
5	16QAM	25	0	20.54	20.69	20.51		
5	64QAM	1	0	20.58	20.52	20.67	22	2
5	64QAM	1	12	20.81	20.72	20.94		
5	64QAM	1	24	20.64	20.50	20.62		
5	64QAM	12	0	19.50	19.67	19.73	21	3
5	64QAM	12	7	19.67	19.73	19.76		
5	64QAM	12	13	19.55	19.73	19.69		
5	64QAM	25	0	19.55	19.60	19.66		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.53	22.36	22.40	24	0
3	QPSK	1	8	22.71	22.76	22.60		
3	QPSK	1	14	22.54	22.34	22.49		
3	QPSK	8	0	21.71	21.74	21.68	23	1
3	QPSK	8	4	21.53	21.60	21.54		
3	QPSK	8	7	21.50	21.54	21.58		
3	QPSK	15	0	21.53	21.54	21.60		
3	16QAM	1	0	21.77	21.57	21.70	23	1
3	16QAM	1	8	21.68	21.94	21.83		
3	16QAM	1	14	21.85	21.75	21.71		
3	16QAM	8	0	20.50	20.62	20.60	22	2
3	16QAM	8	4	20.52	20.52	20.52		
3	16QAM	8	7	20.41	20.64	20.64		
3	16QAM	15	0	20.50	20.57	20.52		
3	64QAM	1	0	20.48	20.60	20.58	22	2
3	64QAM	1	8	20.78	20.86	20.84		
3	64QAM	1	14	20.65	20.54	20.64		
3	64QAM	8	0	19.56	19.56	19.64	21	3
3	64QAM	8	4	19.60	19.78	19.70		
3	64QAM	8	7	19.51	19.60	19.58		
3	64QAM	15	0	19.50	19.59	19.60		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.60	22.60	22.61	24	0
1.4	QPSK	1	3	22.71	22.72	22.74		
1.4	QPSK	1	5	22.57	22.57	22.60		
1.4	QPSK	3	0	22.67	22.68	22.71		
1.4	QPSK	3	1	22.74	22.77	22.76		
1.4	QPSK	3	3	22.69	22.67	22.72		
1.4	QPSK	6	0	21.67	21.72	21.70	23	1
1.4	16QAM	1	0	21.80	21.89	21.76	23	1
1.4	16QAM	1	3	21.93	21.98	21.95		
1.4	16QAM	1	5	21.78	21.81	21.79		
1.4	16QAM	3	0	21.62	21.63	21.65		
1.4	16QAM	3	1	21.68	21.68	21.65		
1.4	16QAM	3	3	21.62	21.63	21.65		
1.4	16QAM	6	0	20.75	20.74	20.78	22	2
1.4	64QAM	1	0	20.63	20.72	20.71	22	2
1.4	64QAM	1	3	20.83	20.91	20.90		
1.4	64QAM	1	5	20.72	20.74	20.79		
1.4	64QAM	3	0	20.74	20.74	20.77		
1.4	64QAM	3	1	20.79	20.81	20.78		
1.4	64QAM	3	3	20.74	20.79	20.73		
1.4	64QAM	6	0	19.71	19.74	19.70	21	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.83	20.89	20.82	22	0
20	QPSK	1	49	21.21	21.30	21.23		
20	QPSK	1	99	20.78	20.85	20.81		
20	QPSK	50	0	20.25	20.29	20.22	21	1
20	QPSK	50	24	20.25	20.28	20.21		
20	QPSK	50	50	20.19	20.20	20.19		
20	QPSK	100	0	20.13	20.20	20.10		
20	16QAM	1	0	20.11	20.15	20.08	21	1
20	16QAM	1	49	20.37	20.40	20.35		
20	16QAM	1	99	20.09	20.12	20.03		
20	16QAM	50	0	19.21	19.23	19.19	20	2
20	16QAM	50	24	19.19	19.21	19.15		
20	16QAM	50	50	19.16	19.22	19.16		
20	16QAM	100	0	19.13	19.21	19.17		
20	64QAM	1	0	18.97	19.02	18.92	20	2
20	64QAM	1	49	19.33	19.39	19.33		
20	64QAM	1	99	18.85	18.93	18.83		
20	64QAM	50	0	18.21	18.23	18.17	19	3
20	64QAM	50	24	18.14	18.22	18.17		
20	64QAM	50	50	18.12	18.18	18.12		
20	64QAM	100	0	18.16	18.24	18.21		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.86	20.86	20.83	22	0
15	QPSK	1	37	21.28	21.23	21.20		
15	QPSK	1	74	20.76	20.75	20.80		
15	QPSK	36	0	20.27	20.25	20.28	21	1
15	QPSK	36	20	20.27	20.22	20.26		
15	QPSK	36	39	20.13	20.17	20.15		
15	QPSK	75	0	20.17	20.11	20.11		
15	16QAM	1	0	20.09	20.14	20.12	21	1
15	16QAM	1	37	20.30	20.36	20.30		
15	16QAM	1	74	20.10	20.03	20.08		
15	16QAM	36	0	19.14	19.18	19.18	20	2
15	16QAM	36	20	19.15	19.13	19.20		
15	16QAM	36	39	19.16	19.16	19.18		
15	16QAM	75	0	19.19	19.14	19.20		
15	64QAM	1	0	18.98	19.01	18.99	20	2
15	64QAM	1	37	19.35	19.34	19.33		
15	64QAM	1	74	18.91	18.85	18.90		
15	64QAM	36	0	18.21	18.22	18.18	19	3
15	64QAM	36	20	18.20	18.16	18.12		
15	64QAM	36	39	18.14	18.08	18.08		
15	64QAM	75	0	18.22	18.22	18.23		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.84	20.86	20.85	22	0
10	QPSK	1	25	21.29	21.20	21.29		
10	QPSK	1	49	20.80	20.77	20.84		
10	QPSK	25	0	20.19	20.20	20.26	21	1
10	QPSK	25	12	20.22	20.19	20.25		
10	QPSK	25	25	20.19	20.14	20.15		
10	QPSK	50	0	20.10	20.17	20.13		
10	16QAM	1	0	20.10	20.11	20.05	21	1
10	16QAM	1	25	20.32	20.36	20.33		
10	16QAM	1	49	20.07	20.11	20.08		
10	16QAM	25	0	19.16	19.22	19.22	20	2
10	16QAM	25	12	19.13	19.12	19.18		
10	16QAM	25	25	19.20	19.17	19.14		
10	16QAM	50	0	19.20	19.12	19.18		
10	64QAM	1	0	19.01	19.00	18.92	20	2
10	64QAM	1	25	19.37	19.29	19.38		
10	64QAM	1	49	18.89	18.85	18.92		
10	64QAM	25	0	18.20	18.22	18.15	19	3
10	64QAM	25	12	18.19	18.16	18.18		
10	64QAM	25	25	18.09	18.15	18.13		
10	64QAM	50	0	18.14	18.17	18.23		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.85	20.88	20.83	22	0
5	QPSK	1	12	21.23	21.21	21.26		
5	QPSK	1	24	20.81	20.76	20.81		
5	QPSK	12	0	20.19	20.21	20.19	21	1
5	QPSK	12	7	20.26	20.21	20.23		
5	QPSK	12	13	20.18	20.18	20.12		
5	QPSK	25	0	20.17	20.13	20.14		
5	16QAM	1	0	20.14	20.08	20.14	21	1
5	16QAM	1	12	20.35	20.33	20.38		
5	16QAM	1	24	20.02	20.05	20.02		
5	16QAM	12	0	19.21	19.18	19.22	20	2
5	16QAM	12	7	19.15	19.13	19.11		
5	16QAM	12	13	19.15	19.13	19.15		
5	16QAM	25	0	19.12	19.17	19.16		
5	64QAM	1	0	18.99	18.93	18.95	20	2
5	64QAM	1	12	19.29	19.33	19.37		
5	64QAM	1	24	18.88	18.88	18.87		
5	64QAM	12	0	18.18	18.18	18.17	19	3
5	64QAM	12	7	18.19	18.17	18.16		
5	64QAM	12	13	18.12	18.16	18.12		
5	64QAM	25	0	18.21	18.14	18.22		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.82	20.82	20.79	22	0
3	QPSK	1	8	21.23	21.29	21.26		
3	QPSK	1	14	20.79	20.76	20.78		
3	QPSK	8	0	20.28	20.21	20.22	21	1
3	QPSK	8	4	20.26	20.25	20.26		
3	QPSK	8	7	20.11	20.12	20.14		
3	QPSK	15	0	20.13	20.12	20.14		
3	16QAM	1	0	20.09	20.10	20.06	21	1
3	16QAM	1	8	20.36	20.39	20.37		
3	16QAM	1	14	20.02	20.05	20.05		
3	16QAM	8	0	19.16	19.18	19.13	20	2
3	16QAM	8	4	19.13	19.13	19.14		
3	16QAM	8	7	19.16	19.12	19.21		
3	16QAM	15	0	19.13	19.12	19.16		
3	64QAM	1	0	18.95	18.96	18.96	20	2
3	64QAM	1	8	19.33	19.33	19.36		
3	64QAM	1	14	18.88	18.86	18.84		
3	64QAM	8	0	18.13	18.17	18.19	19	3
3	64QAM	8	4	18.18	18.12	18.19		
3	64QAM	8	7	18.15	18.15	18.15		
3	64QAM	15	0	18.22	18.18	18.15		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.81	20.88	20.81	22	0
1.4	QPSK	1	3	21.28	21.29	21.22		
1.4	QPSK	1	5	20.77	20.81	20.79		
1.4	QPSK	3	0	21.00	21.08	20.99		
1.4	QPSK	3	1	21.00	21.02	21.05		
1.4	QPSK	3	3	20.94	20.90	20.91		
1.4	QPSK	6	0	20.15	20.17	20.16	21	1
1.4	16QAM	1	0	20.12	20.10	20.13	21	1
1.4	16QAM	1	3	20.31	20.31	20.32		
1.4	16QAM	1	5	20.10	20.06	20.10		
1.4	16QAM	3	0	19.97	19.95	20.02		
1.4	16QAM	3	1	19.94	20.00	19.94		
1.4	16QAM	3	3	19.92	19.93	20.00		
1.4	16QAM	6	0	19.18	19.15	19.11	20	2
1.4	64QAM	1	0	18.99	18.98	18.96	20	2
1.4	64QAM	1	3	19.30	19.33	19.36		
1.4	64QAM	1	5	18.87	18.90	18.87		
1.4	64QAM	3	0	18.93	18.99	19.02		
1.4	64QAM	3	1	18.94	19.01	18.92		
1.4	64QAM	3	3	18.90	18.92	18.93		
1.4	64QAM	6	0	18.23	18.16	18.14	19	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.67	19.70	19.68	21.5	0
20	QPSK	1	49	20.16	20.21	20.16		
20	QPSK	1	99	19.59	19.63	19.61		
20	QPSK	50	0	19.19	19.22	19.13	20.5	1
20	QPSK	50	24	19.07	19.12	19.05		
20	QPSK	50	50	18.93	19.02	19.00		
20	QPSK	100	0	19.01	19.08	19.03		
20	16QAM	1	0	19.01	19.06	18.98	20.5	1
20	16QAM	1	49	19.41	19.44	19.37		
20	16QAM	1	99	18.89	18.95	18.89		
20	16QAM	50	0	18.11	18.17	18.07	19.5	2
20	16QAM	50	24	18.00	18.08	17.99		
20	16QAM	50	50	17.98	18.06	18.00		
20	16QAM	100	0	18.01	18.09	18.01		
20	64QAM	1	0	17.83	17.92	17.87	19.5	2
20	64QAM	1	49	18.24	18.33	18.23		
20	64QAM	1	99	17.73	17.83	17.77		
20	64QAM	50	0	17.17	17.20	17.19	18.5	3
20	64QAM	50	24	17.06	17.14	17.04		
20	64QAM	50	50	17.05	17.06	16.97		
20	64QAM	100	0	17.09	17.10	17.09		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.60	19.62	19.63	21.5	0
15	QPSK	1	37	20.16	20.12	20.12		
15	QPSK	1	74	19.60	19.59	19.55		
15	QPSK	36	0	19.17	19.21	19.14	20.5	1
15	QPSK	36	20	19.07	19.03	19.10		
15	QPSK	36	39	18.98	19.01	19.00		
15	QPSK	75	0	19.02	18.99	19.04		
15	16QAM	1	0	18.99	19.05	19.02	20.5	1
15	16QAM	1	37	19.36	19.35	19.34		
15	16QAM	1	74	18.86	18.89	18.87		
15	16QAM	36	0	18.13	18.12	18.13	19.5	2
15	16QAM	36	20	17.99	18.04	17.98		
15	16QAM	36	39	17.96	18.00	17.96		
15	16QAM	75	0	18.00	18.08	18.06		
15	64QAM	1	0	17.88	17.88	17.87	19.5	2
15	64QAM	1	37	18.30	18.24	18.23		
15	64QAM	1	74	17.76	17.79	17.73		
15	64QAM	36	0	17.12	17.14	17.18	18.5	3
15	64QAM	36	20	17.13	17.08	17.11		
15	64QAM	36	39	17.04	17.02	17.00		
15	64QAM	75	0	17.05	17.06	17.09		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.61	19.67	19.63	21.5	0
10	QPSK	1	25	20.16	20.18	20.15		
10	QPSK	1	49	19.61	19.60	19.59		
10	QPSK	25	0	19.20	19.12	19.17	20.5	1
10	QPSK	25	12	19.08	19.08	19.07		
10	QPSK	25	25	18.97	18.97	18.98		
10	QPSK	50	0	18.99	19.01	19.03		
10	16QAM	1	0	19.05	19.05	18.99	20.5	1
10	16QAM	1	25	19.42	19.37	19.41		
10	16QAM	1	49	18.88	18.93	18.86		
10	16QAM	25	0	18.10	18.14	18.13	19.5	2
10	16QAM	25	12	18.06	18.05	18.05		
10	16QAM	25	25	18.01	17.99	17.99		
10	16QAM	50	0	18.03	18.02	18.04		
10	64QAM	1	0	17.87	17.86	17.85	19.5	2
10	64QAM	1	25	18.23	18.24	18.30		
10	64QAM	1	49	17.81	17.74	17.78		
10	64QAM	25	0	17.14	17.15	17.10	18.5	3
10	64QAM	25	12	17.12	17.08	17.06		
10	64QAM	25	25	16.96	17.04	16.97		
10	64QAM	50	0	17.05	17.00	17.08		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.68	19.64	19.62	21.5	0
5	QPSK	1	12	20.18	20.14	20.15		
5	QPSK	1	24	19.54	19.61	19.54		
5	QPSK	12	0	19.14	19.20	19.13	20.5	1
5	QPSK	12	7	19.07	19.10	19.11		
5	QPSK	12	13	19.01	19.00	18.99		
5	QPSK	25	0	19.06	19.00	19.07		
5	16QAM	1	0	18.99	19.04	18.96	20.5	1
5	16QAM	1	12	19.40	19.41	19.43		
5	16QAM	1	24	18.87	18.88	18.87		
5	16QAM	12	0	18.09	18.08	18.07	19.5	2
5	16QAM	12	7	18.02	17.98	18.04		
5	16QAM	12	13	17.96	18.00	18.05		
5	16QAM	25	0	18.07	18.01	18.01		
5	64QAM	1	0	17.84	17.91	17.87	19.5	2
5	64QAM	1	12	18.30	18.32	18.24		
5	64QAM	1	24	17.77	17.76	17.77		
5	64QAM	12	0	17.18	17.10	17.18	18.5	3
5	64QAM	12	7	17.04	17.05	17.13		
5	64QAM	12	13	17.04	16.97	16.99		
5	64QAM	25	0	17.03	17.02	17.03		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.65	19.68	19.63	21.5	0
3	QPSK	1	8	20.11	20.16	20.16		
3	QPSK	1	14	19.60	19.59	19.61		
3	QPSK	8	0	19.20	19.17	19.20	20.5	1
3	QPSK	8	4	19.02	19.09	19.06		
3	QPSK	8	7	18.95	18.96	18.93		
3	QPSK	15	0	18.99	19.05	19.05		
3	16QAM	1	0	19.03	19.00	19.00	20.5	1
3	16QAM	1	8	19.37	19.34	19.35		
3	16QAM	1	14	18.86	18.89	18.90		
3	16QAM	8	0	18.07	18.09	18.09	19.5	2
3	16QAM	8	4	18.03	18.05	18.03		
3	16QAM	8	7	17.97	18.01	17.98		
3	16QAM	15	0	18.07	18.06	18.05		
3	64QAM	1	0	17.84	17.85	17.84	19.5	2
3	64QAM	1	8	18.26	18.26	18.24		
3	64QAM	1	14	17.73	17.76	17.79		
3	64QAM	8	0	17.16	17.18	17.16	18.5	3
3	64QAM	8	4	17.04	17.10	17.10		
3	64QAM	8	7	16.96	17.05	16.98		
3	64QAM	15	0	17.05	17.01	17.03		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.66	19.66	19.61	21.5	0
1.4	QPSK	1	3	20.13	20.20	20.20		
1.4	QPSK	1	5	19.56	19.57	19.56		
1.4	QPSK	3	0	19.94	20.01	19.98		
1.4	QPSK	3	1	19.83	19.90	19.83		
1.4	QPSK	3	3	19.77	19.76	19.80		
1.4	QPSK	6	0	19.05	19.01	19.06	20.5	1
1.4	16QAM	1	0	19.02	19.03	19.03	20.5	1
1.4	16QAM	1	3	19.42	19.40	19.37		
1.4	16QAM	1	5	18.89	18.93	18.86		
1.4	16QAM	3	0	18.89	18.87	18.93		
1.4	16QAM	3	1	18.82	18.80	18.81		
1.4	16QAM	3	3	18.85	18.80	18.82		
1.4	16QAM	6	0	18.01	18.00	18.06	19.5	2
1.4	64QAM	1	0	17.84	17.82	17.86	19.5	2
1.4	64QAM	1	3	18.27	18.27	18.23		
1.4	64QAM	1	5	17.74	17.82	17.80		
1.4	64QAM	3	0	17.95	17.99	17.90		
1.4	64QAM	3	1	17.86	17.93	17.91		
1.4	64QAM	3	3	17.85	17.81	17.81		
1.4	64QAM	6	0	17.00	17.02	17.02	18.5	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.67	18.52	18.56	19.5	0
20	QPSK	1	49	18.91	18.95	18.88		
20	QPSK	1	99	18.52	18.61	18.63		
20	QPSK	50	0	18.12	18.19	18.03	18.5	1
20	QPSK	50	24	17.91	17.94	17.84		
20	QPSK	50	50	18.08	17.89	17.92		
20	QPSK	100	0	17.89	18.13	17.88		
20	16QAM	1	0	17.71	17.72	17.88	18.5	1
20	16QAM	1	49	17.95	18.12	18.15		
20	16QAM	1	99	18.04	17.90	17.95		
20	16QAM	50	0	17.00	17.03	16.95	17.5	2
20	16QAM	50	24	17.07	17.15	17.09		
20	16QAM	50	50	17.21	16.91	16.95		
20	16QAM	100	0	17.00	17.14	17.02		
20	64QAM	1	0	16.69	16.82	16.64	17.5	2
20	64QAM	1	49	17.09	17.19	17.13		
20	64QAM	1	99	16.63	16.65	16.68		
20	64QAM	50	0	15.87	15.90	16.03	16.5	3
20	64QAM	50	24	16.22	15.89	15.96		
20	64QAM	50	50	15.94	16.18	16.00		
20	64QAM	100	0	16.23	15.95	15.94		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.57	18.41	18.49	19.5	0
15	QPSK	1	37	18.76	18.94	18.63		
15	QPSK	1	74	18.37	18.62	18.32		
15	QPSK	36	0	17.83	17.77	17.87	18.5	1
15	QPSK	36	20	17.97	17.86	17.65		
15	QPSK	36	39	17.80	17.82	17.79		
15	QPSK	75	0	17.97	17.81	17.76		
15	16QAM	1	0	17.64	17.64	17.79	18.5	1
15	16QAM	1	37	18.08	17.97	17.98		
15	16QAM	1	74	17.73	17.74	17.93		
15	16QAM	36	0	17.00	17.02	17.13	17.5	2
15	16QAM	36	20	17.00	17.00	16.87		
15	16QAM	36	39	16.92	16.90	16.96		
15	16QAM	75	0	17.15	17.05	16.99		
15	64QAM	1	0	16.47	16.64	16.44	17.5	2
15	64QAM	1	37	16.87	17.17	16.95		
15	64QAM	1	74	16.79	16.74	16.81		
15	64QAM	36	0	15.85	15.86	16.03	16.5	3
15	64QAM	36	20	15.91	15.71	15.83		
15	64QAM	36	39	15.80	16.13	15.88		
15	64QAM	75	0	15.82	15.99	15.90		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.53	18.52	18.51	19.5	0
10	QPSK	1	25	18.76	18.91	18.66		
10	QPSK	1	49	18.42	18.59	18.64		
10	QPSK	25	0	17.88	17.94	18.11	18.5	1
10	QPSK	25	12	17.87	17.97	17.82		
10	QPSK	25	25	17.79	17.86	17.97		
10	QPSK	50	0	18.03	17.84	18.07		
10	16QAM	1	0	17.52	17.64	17.76	18.5	1
10	16QAM	1	25	17.88	17.87	18.09		
10	16QAM	1	49	17.69	17.67	17.83		
10	16QAM	25	0	16.99	16.96	16.87	17.5	2
10	16QAM	25	12	16.90	17.07	17.07		
10	16QAM	25	25	16.92	16.88	17.05		
10	16QAM	50	0	16.97	17.02	17.12		
10	64QAM	1	0	16.85	16.68	16.50	17.5	2
10	64QAM	1	25	16.92	16.96	16.97		
10	64QAM	1	49	16.82	16.52	16.84		
10	64QAM	25	0	15.96	16.07	16.04	16.5	3
10	64QAM	25	12	16.13	15.81	15.81		
10	64QAM	25	25	15.95	16.04	16.15		
10	64QAM	50	0	15.96	16.03	15.93		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.34	18.65	18.61	19.5	0
5	QPSK	1	12	18.86	18.77	18.88		
5	QPSK	1	24	18.62	18.60	18.49		
5	QPSK	12	0	17.91	17.86	17.97	18.5	1
5	QPSK	12	7	17.82	17.85	17.87		
5	QPSK	12	13	17.68	17.84	17.91		
5	QPSK	25	0	18.06	18.03	17.80		
5	16QAM	1	0	17.70	17.90	17.68	18.5	1
5	16QAM	1	12	18.09	18.05	18.16		
5	16QAM	1	24	17.87	17.94	17.63		
5	16QAM	12	0	17.04	16.96	16.95	17.5	2
5	16QAM	12	7	17.02	17.18	17.04		
5	16QAM	12	13	17.05	17.01	16.93		
5	16QAM	25	0	16.87	17.13	17.17		
5	64QAM	1	0	16.79	16.53	16.45	17.5	2
5	64QAM	1	12	16.94	17.22	16.92		
5	64QAM	1	24	16.88	16.54	16.76		
5	64QAM	12	0	15.77	15.82	15.92	16.5	3
5	64QAM	12	7	15.89	16.09	16.09		
5	64QAM	12	13	15.77	16.20	15.97		
5	64QAM	25	0	15.92	16.09	16.14		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.74	20.77	20.47	22	0
20	QPSK	1	49	20.93	21.13	20.99		
20	QPSK	1	99	20.72	20.60	20.57		
20	QPSK	50	0	19.99	19.93	19.78	21	1
20	QPSK	50	24	20.02	20.06	20.04		
20	QPSK	50	50	19.96	19.92	19.93		
20	QPSK	100	0	20.00	20.04	19.83		
20	16QAM	1	0	19.75	20.02	19.70	21	1
20	16QAM	1	49	20.15	20.23	20.09		
20	16QAM	1	99	19.65	19.79	19.69		
20	16QAM	50	0	19.10	19.10	18.94	20	2
20	16QAM	50	24	19.03	19.03	18.84		
20	16QAM	50	50	19.07	19.03	18.89		
20	16QAM	100	0	18.91	19.17	18.94		
20	64QAM	1	0	18.63	18.95	18.48	20	2
20	64QAM	1	49	18.93	19.22	19.03		
20	64QAM	1	99	18.80	18.92	18.50		
20	64QAM	50	0	17.98	18.17	18.04	19	3
20	64QAM	50	24	17.97	18.16	17.73		
20	64QAM	50	50	18.06	18.13	18.06		
20	64QAM	100	0	18.06	18.08	18.00		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.55	20.66	20.44	22	0
15	QPSK	1	37	20.87	21.02	20.81		
15	QPSK	1	74	20.56	20.42	20.47		
15	QPSK	36	0	19.90	19.91	19.72	21	1
15	QPSK	36	20	19.79	20.00	19.70		
15	QPSK	36	39	19.90	19.83	19.80		
15	QPSK	75	0	20.00	19.89	19.83		
15	16QAM	1	0	19.51	19.83	19.63	21	1
15	16QAM	1	37	19.87	20.13	19.88		
15	16QAM	1	74	19.83	19.81	19.73		
15	16QAM	36	0	18.86	19.17	18.74	20	2
15	16QAM	36	20	18.94	18.96	18.73		
15	16QAM	36	39	18.89	18.98	18.69		
15	16QAM	75	0	18.90	19.00	18.94		
15	64QAM	1	0	18.79	18.84	18.56	20	2
15	64QAM	1	37	18.97	19.01	19.04		
15	64QAM	1	74	18.70	18.60	18.48		
15	64QAM	36	0	17.98	18.16	17.90	19	3
15	64QAM	36	20	17.87	17.95	17.61		
15	64QAM	36	39	18.08	18.07	17.88		
15	64QAM	75	0	17.99	17.97	17.72		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.49	20.32	20.54	22	0
10	QPSK	1	25	20.76	20.72	20.77		
10	QPSK	1	49	20.39	20.58	20.33		
10	QPSK	25	0	19.70	19.96	19.90	21	1
10	QPSK	25	12	19.64	19.95	19.67		
10	QPSK	25	25	19.96	19.96	19.86		
10	QPSK	50	0	19.85	19.88	20.01		
10	16QAM	1	0	19.63	19.65	19.44	21	1
10	16QAM	1	25	20.03	20.19	20.20		
10	16QAM	1	49	19.83	19.83	19.59		
10	16QAM	25	0	19.05	19.09	18.83	20	2
10	16QAM	25	12	18.87	19.08	18.83		
10	16QAM	25	25	19.01	18.95	18.67		
10	16QAM	50	0	18.83	19.18	18.99		
10	64QAM	1	0	18.68	18.88	18.45	20	2
10	64QAM	1	25	19.03	19.25	18.93		
10	64QAM	1	49	18.61	18.69	18.40		
10	64QAM	25	0	18.00	17.93	17.71	19	3
10	64QAM	25	12	17.71	17.88	17.76		
10	64QAM	25	25	17.84	18.00	17.82		
10	64QAM	50	0	17.93	18.13	17.84		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.56	20.58	20.32	22	0
5	QPSK	1	12	20.93	20.97	20.70		
5	QPSK	1	24	20.35	20.56	20.48		
5	QPSK	12	0	19.71	19.92	19.82	21	1
5	QPSK	12	7	20.08	20.06	19.91		
5	QPSK	12	13	19.99	20.09	19.96		
5	QPSK	25	0	19.82	19.88	19.69		
5	16QAM	1	0	19.60	19.85	19.60	21	1
5	16QAM	1	12	19.89	20.16	19.89		
5	16QAM	1	24	19.63	19.89	19.68		
5	16QAM	12	0	18.91	19.26	18.86	20	2
5	16QAM	12	7	18.78	19.05	18.72		
5	16QAM	12	13	18.80	18.99	18.78		
5	16QAM	25	0	18.91	19.05	18.86		
5	64QAM	1	0	18.62	18.82	18.62	20	2
5	64QAM	1	12	18.98	19.09	19.11		
5	64QAM	1	24	18.46	18.64	18.77		
5	64QAM	12	0	17.80	17.90	17.74	19	3
5	64QAM	12	7	17.85	17.90	17.65		
5	64QAM	12	13	17.93	17.81	17.80		
5	64QAM	25	0	18.05	17.97	17.90		

Reduced Power Mode for ECI7

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.07	32.16	32.14	**33.50**	23.07	23.16	23.14	24.50
GPRS 1 Tx slot	32.05	32.14	32.12	**33.50**	23.05	23.14	23.12	24.50
GPRS 2 Tx slots	29.98	30.14	30.03	**31.50**	23.98	24.14	24.03	25.50
GPRS 3 Tx slots	28.00	28.08	28.02	**29.50**	23.74	23.82	23.76	25.24
GPRS 4 Tx slots	26.03	26.16	26.05	**27.50**	23.03	23.16	23.05	24.50
EDGE 1 Tx slot	26.36	26.33	26.26	**27.50**	17.36	17.33	17.26	18.50
EDGE 2 Tx slots	24.21	24.33	24.09	**25.50**	18.21	18.33	18.09	19.50
EDGE 3 Tx slots	22.25	22.31	22.18	**23.50**	17.99	18.05	17.92	19.24
EDGE 4 Tx slots	20.09	20.01	19.97	**21.00**	17.09	17.01	16.97	18.00

GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.21	27.29	27.25	**28.00**	18.21	18.29	18.25	19.00
GPRS 1 Tx slot	27.09	27.14	27.05	**28.00**	18.09	18.14	18.05	19.00
GPRS 2 Tx slots	24.86	24.96	24.91	**26.00**	18.86	18.96	18.91	20.00
GPRS 3 Tx slots	22.91	22.95	22.93	**24.00**	18.65	18.69	18.67	19.74
GPRS 4 Tx slots	20.88	20.98	20.95	**22.00**	17.88	17.98	17.95	19.00
EDGE 1 Tx slot	23.31	23.40	23.39	**24.00**	14.31	14.40	14.39	15.00
EDGE 2 Tx slots	21.53	21.55	21.54	**22.00**	15.53	15.55	15.54	16.00
EDGE 3 Tx slots	19.32	19.33	19.29	**20.00**	15.06	15.07	15.03	15.74
EDGE 4 Tx slots	16.84	16.91	16.87	**18.00**	13.84	13.91	13.87	15.00

Band		WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA IV_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	17.10	17.20	17.13	**18.00**	16.93	17.03	16.95	**18.00**	23.09	23.12	23.01	**24.00**
3GPP Rel 99	RMC 12.2Kbps	17.31	17.32	17.29	**18.00**	17.06	17.15	17.10	**18.00**	23.10	23.13	23.07	**24.00**
3GPP Rel 6	HSDPA Subtest-1	15.99	16.08	16.03	**17.00**	16.10	16.12	16.10	**17.00**	22.17	22.12	22.14	**23.00**
3GPP Rel 6	HSDPA Subtest-2	16.06	16.10	16.09	**17.00**	16.04	16.05	16.03	**17.00**	22.18	22.06	22.01	**23.00**
3GPP Rel 6	HSDPA Subtest-3	15.48	15.54	15.47	**16.50**	15.48	15.56	15.48	**16.50**	21.68	21.53	21.54	**22.50**
3GPP Rel 6	HSDPA Subtest-4	15.54	15.57	15.53	**16.50**	15.52	15.55	15.48	**16.50**	21.70	21.50	21.46	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-1	15.96	16.05	15.96	**17.00**	15.95	16.05	16.02	**17.00**	21.68	21.72	21.76	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-2	15.92	16.02	15.95	**17.00**	16.07	16.11	16.03	**17.00**	21.74	21.86	21.84	**23.00**
3GPP Rel 8	DC-HSDPA Subtest-3	15.72	15.79	15.76	**16.50**	15.47	15.55	15.51	**16.50**	21.22	21.34	21.25	**22.50**
3GPP Rel 8	DC-HSDPA Subtest-4	15.63	15.65	15.56	**16.50**	15.28	15.32	15.29	**16.50**	21.22	21.06	21.13	**22.50**
3GPP Rel 6	HSUPA Subtest-1	14.18	14.19	14.09	**15.50**	13.97	14.07	14.02	**15.50**	20.24	20.27	20.20	**21.50**
3GPP Rel 6	HSUPA Subtest-2	14.06	14.16	14.13	**15.50**	13.96	13.97	13.88	**15.50**	20.03	20.04	20.02	**21.50**
3GPP Rel 6	HSUPA Subtest-3	15.08	15.15	15.12	**16.50**	15.11	15.14	15.09	**16.50**	21.13	21.16	21.10	**22.50**
3GPP Rel 6	HSUPA Subtest-4	13.53	13.63	13.53	**15.00**	13.45	13.51	13.45	**15.00**	19.61	19.60	19.61	**21.00**
3GPP Rel 6	HSUPA Subtest-5	15.13	15.19	15.11	**16.50**	14.96	15.03	15.01	**16.50**	21.00	21.00	21.00	**22.50**
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.67	13.73	13.63	**15.00**	13.53	13.57	13.47	**15.00**	19.94	20.05	19.71	**21.00**

Band 2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.23	16.29	16.22	17.5	0
20	QPSK	1	49	16.57	16.62	16.55		
20	QPSK	1	99	16.07	16.17	16.08		
20	QPSK	50	0	15.58	15.64	15.62	16.5	1
20	QPSK	50	24	15.54	15.60	15.54		
20	QPSK	50	50	15.56	15.59	15.53		
20	QPSK	100	0	15.58	15.64	15.62		
20	16QAM	1	0	15.61	15.64	15.62	16.5	1
20	16QAM	1	49	15.89	15.90	15.80		
20	16QAM	1	99	15.38	15.48	15.41		
20	16QAM	50	0	14.50	14.60	14.52	15.5	2
20	16QAM	50	24	14.56	14.57	14.55		
20	16QAM	50	50	14.50	14.53	14.49		
20	16QAM	100	0	14.52	14.55	14.53		
20	64QAM	1	0	14.33	14.42	14.40	15.5	2
20	64QAM	1	49	14.61	14.70	14.63		
20	64QAM	1	99	14.18	14.28	14.20		
20	64QAM	50	0	13.58	13.59	13.53	14.5	3
20	64QAM	50	24	13.60	13.61	13.54		
20	64QAM	50	50	13.46	13.54	13.44		
20	64QAM	100	0	13.49	13.55	13.51		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.19	16.26	16.19	17.5	0
15	QPSK	1	37	16.53	16.54	16.58		
15	QPSK	1	74	16.13	16.07	16.11		
15	QPSK	36	0	15.58	15.59	15.62	16.5	1
15	QPSK	36	20	15.59	15.57	15.58		
15	QPSK	36	39	15.53	15.54	15.53		
15	QPSK	75	0	15.59	15.62	15.61		
15	16QAM	1	0	15.58	15.63	15.62	16.5	1
15	16QAM	1	37	15.85	15.87	15.81		
15	16QAM	1	74	15.39	15.45	15.42		
15	16QAM	36	0	14.57	14.53	14.58	15.5	2
15	16QAM	36	20	14.56	14.56	14.47		
15	16QAM	36	39	14.45	14.52	14.49		
15	16QAM	75	0	14.50	14.54	14.51		
15	64QAM	1	0	14.39	14.41	14.33	15.5	2
15	64QAM	1	37	14.66	14.67	14.66		
15	64QAM	1	74	14.19	14.19	14.27		
15	64QAM	36	0	13.49	13.52	13.52	14.5	3
15	64QAM	36	20	13.58	13.59	13.59		
15	64QAM	36	39	13.48	13.52	13.52		
15	64QAM	75	0	13.54	13.47	13.45		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.23	16.21	16.20	17.5	0
10	QPSK	1	25	16.55	16.57	16.59		
10	QPSK	1	49	16.15	16.11	16.12		
10	QPSK	25	0	15.63	15.56	15.59	16.5	1
10	QPSK	25	12	15.52	15.53	15.55		
10	QPSK	25	25	15.53	15.56	15.52		
10	QPSK	50	0	15.56	15.57	15.63		
10	16QAM	1	0	15.58	15.54	15.63	16.5	1
10	16QAM	1	25	15.89	15.86	15.80		
10	16QAM	1	49	15.47	15.46	15.40		
10	16QAM	25	0	14.55	14.59	14.57	15.5	2
10	16QAM	25	12	14.54	14.51	14.47		
10	16QAM	25	25	14.45	14.43	14.44		
10	16QAM	50	0	14.45	14.45	14.46		
10	64QAM	1	0	14.36	14.40	14.37	15.5	2
10	64QAM	1	25	14.67	14.68	14.68		
10	64QAM	1	49	14.22	14.20	14.27		
10	64QAM	25	0	13.49	13.56	13.50	14.5	3
10	64QAM	25	12	13.60	13.55	13.54		
10	64QAM	25	25	13.50	13.52	13.48		
10	64QAM	50	0	13.52	13.47	13.48		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.25	16.23	16.28	17.5	0
5	QPSK	1	12	16.56	16.55	16.60		
5	QPSK	1	24	16.09	16.14	16.12		
5	QPSK	12	0	15.58	15.57	15.59	16.5	1
5	QPSK	12	7	15.54	15.50	15.56		
5	QPSK	12	13	15.57	15.52	15.50		
5	QPSK	25	0	15.55	15.61	15.54		
5	16QAM	1	0	15.60	15.56	15.63	16.5	1
5	16QAM	1	12	15.89	15.80	15.89		
5	16QAM	1	24	15.47	15.38	15.41		
5	16QAM	12	0	14.57	14.58	14.54	15.5	2
5	16QAM	12	7	14.48	14.47	14.52		
5	16QAM	12	13	14.48	14.50	14.50		
5	16QAM	25	0	14.50	14.51	14.47		
5	64QAM	1	0	14.38	14.34	14.34	15.5	2
5	64QAM	1	12	14.63	14.66	14.61		
5	64QAM	1	24	14.26	14.22	14.23		
5	64QAM	12	0	13.52	13.54	13.53	14.5	3
5	64QAM	12	7	13.52	13.51	13.60		
5	64QAM	12	13	13.51	13.47	13.47		
5	64QAM	25	0	13.52	13.51	13.48		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.26	16.23	16.26	17.5	0
3	QPSK	1	8	16.55	16.56	16.56		
3	QPSK	1	14	16.07	16.15	16.08		
3	QPSK	8	0	15.61	15.57	15.55	16.5	1
3	QPSK	8	4	15.50	15.58	15.58		
3	QPSK	8	7	15.49	15.58	15.49		
3	QPSK	15	0	15.55	15.56	15.58		
3	16QAM	1	0	15.56	15.61	15.59	16.5	1
3	16QAM	1	8	15.85	15.86	15.85		
3	16QAM	1	14	15.45	15.46	15.47		
3	16QAM	8	0	14.58	14.52	14.59	15.5	2
3	16QAM	8	4	14.56	14.47	14.55		
3	16QAM	8	7	14.51	14.47	14.51		
3	16QAM	15	0	14.46	14.52	14.54		
3	64QAM	1	0	14.39	14.39	14.36	15.5	2
3	64QAM	1	8	14.61	14.63	14.68		
3	64QAM	1	14	14.26	14.24	14.22		
3	64QAM	8	0	13.50	13.58	13.50	14.5	3
3	64QAM	8	4	13.52	13.57	13.51		
3	64QAM	8	7	13.46	13.53	13.47		
3	64QAM	15	0	13.53	13.50	13.48		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.25	16.28	16.25	17.5	0
1.4	QPSK	1	3	16.53	16.53	16.59		
1.4	QPSK	1	5	16.10	16.10	16.08		
1.4	QPSK	3	0	16.39	16.43	16.35		
1.4	QPSK	3	1	16.33	16.39	16.35		
1.4	QPSK	3	3	16.33	16.35	16.37		
1.4	QPSK	6	0	15.56	15.62	15.54	16.5	1
1.4	16QAM	1	0	15.59	15.62	15.57	16.5	1
1.4	16QAM	1	3	15.81	15.87	15.89		
1.4	16QAM	1	5	15.41	15.39	15.42		
1.4	16QAM	3	0	15.36	15.36	15.34		
1.4	16QAM	3	1	15.32	15.28	15.27		
1.4	16QAM	3	3	15.24	15.27	15.24		
1.4	16QAM	6	0	14.46	14.49	14.53	15.5	2
1.4	64QAM	1	0	14.39	14.40	14.34	15.5	2
1.4	64QAM	1	3	14.65	14.69	14.67		
1.4	64QAM	1	5	14.27	14.22	14.24		
1.4	64QAM	3	0	14.29	14.35	14.35		
1.4	64QAM	3	1	14.32	14.40	14.37		
1.4	64QAM	3	3	14.31	14.33	14.24		
1.4	64QAM	6	0	13.51	13.46	13.52	14.5	3

Band 2_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	13.76	13.79	13.71	15.5	0
20	QPSK	1	49	14.12	14.17	14.12		
20	QPSK	1	99	13.80	13.82	13.79		
20	QPSK	50	0	13.10	13.14	13.05	14.5	1
20	QPSK	50	24	13.00	13.10	13.01		
20	QPSK	50	50	12.97	13.01	12.94		
20	QPSK	100	0	13.09	13.11	13.09		
20	16QAM	1	0	12.97	13.06	12.96	14.5	1
20	16QAM	1	49	13.25	13.33	13.23		
20	16QAM	1	99	12.85	12.90	12.83		
20	16QAM	50	0	12.01	12.07	12.05	13.5	2
20	16QAM	50	24	11.96	11.97	11.96		
20	16QAM	50	50	11.95	12.04	12.00		
20	16QAM	100	0	11.98	12.07	12.01		
20	64QAM	1	0	11.84	11.92	11.88	13.5	2
20	64QAM	1	49	12.21	12.23	12.14		
20	64QAM	1	99	11.73	11.77	11.69		
20	64QAM	50	0	11.10	11.20	11.15	12.5	3
20	64QAM	50	24	11.07	11.10	11.00		
20	64QAM	50	50	10.88	10.92	10.86		
20	64QAM	100	0	10.98	10.99	10.98		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	13.78	13.72	13.70	15.5	0
15	QPSK	1	37	14.08	14.07	14.13		
15	QPSK	1	74	13.77	13.81	13.76		
15	QPSK	36	0	13.04	13.11	13.10	14.5	1
15	QPSK	36	20	13.04	13.01	13.04		
15	QPSK	36	39	13.00	12.94	12.99		
15	QPSK	75	0	13.10	13.05	13.06		
15	16QAM	1	0	13.03	13.04	13.03	14.5	1
15	16QAM	1	37	13.30	13.29	13.30		
15	16QAM	1	74	12.83	12.83	12.86		
15	16QAM	36	0	12.05	12.03	12.05	13.5	2
15	16QAM	36	20	11.91	11.87	11.91		
15	16QAM	36	39	12.02	11.95	12.02		
15	16QAM	75	0	12.00	12.01	11.99		
15	64QAM	1	0	11.84	11.82	11.91	13.5	2
15	64QAM	1	37	12.15	12.14	12.16		
15	64QAM	1	74	11.70	11.73	11.71		
15	64QAM	36	0	11.12	11.13	11.17	12.5	3
15	64QAM	36	20	11.06	11.09	11.09		
15	64QAM	36	39	10.83	10.86	10.85		
15	64QAM	75	0	10.89	10.97	10.92		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	13.71	13.75	13.69	15.5	0
10	QPSK	1	25	14.09	14.14	14.15		
10	QPSK	1	49	13.78	13.75	13.74		
10	QPSK	25	0	13.13	13.07	13.12	14.5	1
10	QPSK	25	12	13.07	13.07	13.04		
10	QPSK	25	25	12.94	12.94	12.93		
10	QPSK	50	0	13.08	13.02	13.03		
10	16QAM	1	0	13.03	13.00	13.04	14.5	1
10	16QAM	1	25	13.25	13.24	13.27		
10	16QAM	1	49	12.84	12.83	12.85		
10	16QAM	25	0	11.98	12.00	12.03	13.5	2
10	16QAM	25	12	11.94	11.92	11.94		
10	16QAM	25	25	12.00	11.99	11.98		
10	16QAM	50	0	12.06	12.04	12.03		
10	64QAM	1	0	11.90	11.88	11.85	13.5	2
10	64QAM	1	25	12.13	12.15	12.17		
10	64QAM	1	49	11.68	11.69	11.67		
10	64QAM	25	0	11.11	11.10	11.10	12.5	3
10	64QAM	25	12	11.01	11.04	11.06		
10	64QAM	25	25	10.87	10.88	10.88		
10	64QAM	50	0	10.93	10.94	10.98		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	13.71	13.69	13.71	15.5	0
5	QPSK	1	12	14.16	14.14	14.13		
5	QPSK	1	24	13.80	13.79	13.79		
5	QPSK	12	0	13.10	13.12	13.06	14.5	1
5	QPSK	12	7	13.04	13.06	13.09		
5	QPSK	12	13	12.92	12.98	12.93		
5	QPSK	25	0	13.07	13.10	13.04		
5	16QAM	1	0	13.03	13.04	13.02	14.5	1
5	16QAM	1	12	13.24	13.24	13.26		
5	16QAM	1	24	12.80	12.86	12.89		
5	16QAM	12	0	12.01	11.98	12.00	13.5	2
5	16QAM	12	7	11.89	11.88	11.91		
5	16QAM	12	13	12.02	11.94	11.94		
5	16QAM	25	0	11.97	11.98	11.97		
5	64QAM	1	0	11.91	11.90	11.82	13.5	2
5	64QAM	1	12	12.18	12.16	12.22		
5	64QAM	1	24	11.69	11.75	11.71		
5	64QAM	12	0	11.13	11.12	11.18	12.5	3
5	64QAM	12	7	11.05	11.09	11.00		
5	64QAM	12	13	10.84	10.87	10.85		
5	64QAM	25	0	10.93	10.90	10.97		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	13.75	13.69	13.76	15.5	0
3	QPSK	1	8	14.10	14.12	14.08		
3	QPSK	1	14	13.74	13.81	13.77		
3	QPSK	8	0	13.13	13.05	13.09	14.5	1
3	QPSK	8	4	13.09	13.01	13.05		
3	QPSK	8	7	12.96	12.93	13.00		
3	QPSK	15	0	13.04	13.08	13.02		
3	16QAM	1	0	12.98	13.01	12.97	14.5	1
3	16QAM	1	8	13.29	13.25	13.29		
3	16QAM	1	14	12.88	12.87	12.80		
3	16QAM	8	0	12.05	11.98	12.00	13.5	2
3	16QAM	8	4	11.88	11.95	11.87		
3	16QAM	8	7	12.02	11.94	11.94		
3	16QAM	15	0	11.98	12.02	12.06		
3	64QAM	1	0	11.88	11.91	11.90	13.5	2
3	64QAM	1	8	12.19	12.22	12.19		
3	64QAM	1	14	11.67	11.73	11.70		
3	64QAM	8	0	11.14	11.15	11.17	12.5	3
3	64QAM	8	4	11.06	11.04	11.06		
3	64QAM	8	7	10.89	10.89	10.83		
3	64QAM	15	0	10.93	10.97	10.90		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	13.73	13.74	13.74	15.5	0
1.4	QPSK	1	3	14.09	14.10	14.09		
1.4	QPSK	1	5	13.80	13.80	13.81		
1.4	QPSK	3	0	13.91	13.90	13.87		
1.4	QPSK	3	1	13.83	13.89	13.81		
1.4	QPSK	3	3	13.71	13.75	13.75		
1.4	QPSK	6	0	13.01	13.07	13.09	14.5	1
1.4	16QAM	1	0	12.98	12.98	13.02	14.5	1
1.4	16QAM	1	3	13.27	13.24	13.24		
1.4	16QAM	1	5	12.86	12.81	12.82		
1.4	16QAM	3	0	12.79	12.78	12.80		
1.4	16QAM	3	1	12.73	12.76	12.73		
1.4	16QAM	3	3	12.81	12.82	12.77		
1.4	16QAM	6	0	11.98	12.06	12.04	13.5	2
1.4	64QAM	1	0	11.91	11.86	11.87	13.5	2
1.4	64QAM	1	3	12.21	12.17	12.15		
1.4	64QAM	1	5	11.68	11.69	11.68		
1.4	64QAM	3	0	11.97	11.91	11.92		
1.4	64QAM	3	1	11.87	11.87	11.84		
1.4	64QAM	3	3	11.67	11.68	11.65		
1.4	64QAM	6	0	10.93	10.93	10.93	12.5	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.28	17.37	17.30	18.5	0
20	QPSK	1	49	17.56	17.66	17.61		
20	QPSK	1	99	17.15	17.22	17.15		
20	QPSK	50	0	16.63	16.65	16.59	17.5	1
20	QPSK	50	24	16.57	16.59	16.53		
20	QPSK	50	50	16.57	16.64	16.57		
20	QPSK	100	0	16.56	16.62	16.54		
20	16QAM	1	0	16.59	16.65	16.56	17.5	1
20	16QAM	1	49	16.77	16.86	16.79		
20	16QAM	1	99	16.35	16.41	16.32		
20	16QAM	50	0	15.58	15.65	15.59	16.5	2
20	16QAM	50	24	15.53	15.58	15.51		
20	16QAM	50	50	15.41	15.50	15.41		
20	16QAM	100	0	15.51	15.53	15.47		
20	64QAM	1	0	15.45	15.50	15.42	16.5	2
20	64QAM	1	49	15.78	15.79	15.73		
20	64QAM	1	99	15.17	15.22	15.18		
20	64QAM	50	0	14.64	14.65	14.59	15.5	3
20	64QAM	50	24	14.55	14.59	14.52		
20	64QAM	50	50	14.48	14.57	14.56		
20	64QAM	100	0	14.52	14.53	14.50		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.30	17.34	17.34	18.5	0
15	QPSK	1	37	17.65	17.56	17.59		
15	QPSK	1	74	17.14	17.13	17.19		
15	QPSK	36	0	16.57	16.64	16.61	17.5	1
15	QPSK	36	20	16.49	16.53	16.54		
15	QPSK	36	39	16.54	16.57	16.61		
15	QPSK	75	0	16.53	16.53	16.53		
15	16QAM	1	0	16.63	16.59	16.56	17.5	1
15	16QAM	1	37	16.77	16.83	16.78		
15	16QAM	1	74	16.40	16.31	16.40		
15	16QAM	36	0	15.58	15.62	15.55	16.5	2
15	16QAM	36	20	15.49	15.51	15.54		
15	16QAM	36	39	15.47	15.48	15.48		
15	16QAM	75	0	15.49	15.44	15.49		
15	64QAM	1	0	15.43	15.45	15.43	16.5	2
15	64QAM	1	37	15.70	15.74	15.76		
15	64QAM	1	74	15.21	15.19	15.16		
15	64QAM	36	0	14.58	14.59	14.59	15.5	3
15	64QAM	36	20	14.54	14.52	14.56		
15	64QAM	36	39	14.51	14.48	14.51		
15	64QAM	75	0	14.46	14.49	14.48		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.29	17.35	17.35	18.5	0
10	QPSK	1	25	17.57	17.60	17.65		
10	QPSK	1	49	17.14	17.14	17.21		
10	QPSK	25	0	16.61	16.55	16.55	17.5	1
10	QPSK	25	12	16.52	16.55	16.52		
10	QPSK	25	25	16.61	16.62	16.60		
10	QPSK	50	0	16.59	16.55	16.53		
10	16QAM	1	0	16.62	16.60	16.58	17.5	1
10	16QAM	1	25	16.79	16.81	16.82		
10	16QAM	1	49	16.37	16.35	16.34		
10	16QAM	25	0	15.61	15.55	15.62	16.5	2
10	16QAM	25	12	15.50	15.51	15.54		
10	16QAM	25	25	15.45	15.47	15.49		
10	16QAM	50	0	15.52	15.52	15.49		
10	64QAM	1	0	15.48	15.44	15.42	16.5	2
10	64QAM	1	25	15.70	15.78	15.77		
10	64QAM	1	49	15.15	15.13	15.17		
10	64QAM	25	0	14.61	14.64	14.56	15.5	3
10	64QAM	25	12	14.49	14.54	14.53		
10	64QAM	25	25	14.53	14.54	14.50		
10	64QAM	50	0	14.43	14.48	14.49		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.28	17.35	17.27	18.5	0
5	QPSK	1	12	17.60	17.60	17.59		
5	QPSK	1	24	17.13	17.18	17.16		
5	QPSK	12	0	16.64	16.64	16.57	17.5	1
5	QPSK	12	7	16.57	16.52	16.53		
5	QPSK	12	13	16.62	16.55	16.56		
5	QPSK	25	0	16.53	16.58	16.56		
5	16QAM	1	0	16.60	16.59	16.62	17.5	1
5	16QAM	1	12	16.83	16.85	16.76		
5	16QAM	1	24	16.36	16.34	16.40		
5	16QAM	12	0	15.57	15.57	15.64	16.5	2
5	16QAM	12	7	15.51	15.50	15.56		
5	16QAM	12	13	15.47	15.41	15.49		
5	16QAM	25	0	15.46	15.52	15.52		
5	64QAM	1	0	15.46	15.42	15.41	16.5	2
5	64QAM	1	12	15.75	15.77	15.76		
5	64QAM	1	24	15.21	15.16	15.20		
5	64QAM	12	0	14.56	14.62	14.60	15.5	3
5	64QAM	12	7	14.57	14.53	14.51		
5	64QAM	12	13	14.54	14.53	14.48		
5	64QAM	25	0	14.46	14.43	14.43		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.35	17.33	17.28	18.5	0
3	QPSK	1	8	17.57	17.62	17.62		
3	QPSK	1	14	17.21	17.14	17.14		
3	QPSK	8	0	16.61	16.58	16.63	17.5	1
3	QPSK	8	4	16.57	16.56	16.53		
3	QPSK	8	7	16.54	16.56	16.54		
3	QPSK	15	0	16.61	16.56	16.58		
3	16QAM	1	0	16.62	16.59	16.61	17.5	1
3	16QAM	1	8	16.79	16.78	16.85		
3	16QAM	1	14	16.40	16.36	16.32		
3	16QAM	8	0	15.62	15.62	15.59	16.5	2
3	16QAM	8	4	15.57	15.54	15.56		
3	16QAM	8	7	15.44	15.49	15.46		
3	16QAM	15	0	15.51	15.44	15.49		
3	64QAM	1	0	15.48	15.40	15.48	16.5	2
3	64QAM	1	8	15.72	15.77	15.77		
3	64QAM	1	14	15.12	15.17	15.16		
3	64QAM	8	0	14.63	14.60	14.59	15.5	3
3	64QAM	8	4	14.50	14.50	14.56		
3	64QAM	8	7	14.55	14.52	14.55		
3	64QAM	15	0	14.49	14.49	14.46		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.27	17.28	17.29	18.5	0
1.4	QPSK	1	3	17.60	17.59	17.60		
1.4	QPSK	1	5	17.15	17.13	17.21		
1.4	QPSK	3	0	17.37	17.42	17.39		
1.4	QPSK	3	1	17.33	17.37	17.38		
1.4	QPSK	3	3	17.36	17.41	17.36		
1.4	QPSK	6	0	16.56	16.60	16.61	17.5	1
1.4	16QAM	1	0	16.62	16.64	16.60	17.5	1
1.4	16QAM	1	3	16.80	16.78	16.77		
1.4	16QAM	1	5	16.36	16.35	16.39		
1.4	16QAM	3	0	16.36	16.41	16.41		
1.4	16QAM	3	1	16.37	16.33	16.36		
1.4	16QAM	3	3	16.26	16.21	16.21		
1.4	16QAM	6	0	15.45	15.47	15.52	16.5	2
1.4	64QAM	1	0	15.41	15.45	15.44	16.5	2
1.4	64QAM	1	3	15.69	15.76	15.75		
1.4	64QAM	1	5	15.13	15.16	15.13		
1.4	64QAM	3	0	15.39	15.43	15.42		
1.4	64QAM	3	1	15.31	15.38	15.34		
1.4	64QAM	3	3	15.31	15.27	15.32		
1.4	64QAM	6	0	14.50	14.44	14.45	15.5	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.66	17.73	17.69	19.5	0
20	QPSK	1	49	17.96	18.04	18.02		
20	QPSK	1	99	17.69	17.72	17.66		
20	QPSK	50	0	17.01	17.02	17.00	18.5	1
20	QPSK	50	24	17.00	16.99	16.95		
20	QPSK	50	50	16.90	16.98	16.91		
20	QPSK	100	0	16.97	17.04	16.95		
20	16QAM	1	0	17.00	17.08	17.07	18.5	1
20	16QAM	1	49	17.28	17.34	17.27		
20	16QAM	1	99	16.71	16.73	16.72		
20	16QAM	50	0	16.06	16.07	16.03	17.5	2
20	16QAM	50	24	15.99	16.02	16.00		
20	16QAM	50	50	15.87	15.97	15.90		
20	16QAM	100	0	15.90	15.99	15.92		
20	64QAM	1	0	15.88	15.91	15.81	17.5	2
20	64QAM	1	49	16.18	16.21	16.16		
20	64QAM	1	99	15.63	15.71	15.65		
20	64QAM	50	0	15.04	15.07	15.03	16.5	3
20	64QAM	50	24	14.93	14.97	14.93		
20	64QAM	50	50	14.87	14.97	14.89		
20	64QAM	100	0	14.89	14.97	14.92		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.63	17.63	17.67	19.5	0
15	QPSK	1	37	18.02	17.99	17.96		
15	QPSK	1	74	17.62	17.62	17.69		
15	QPSK	36	0	16.98	16.99	16.96	18.5	1
15	QPSK	36	20	16.89	16.93	16.90		
15	QPSK	36	39	16.95	16.96	16.96		
15	QPSK	75	0	17.00	16.94	17.00		
15	16QAM	1	0	17.06	17.02	17.04	18.5	1
15	16QAM	1	37	17.24	17.24	17.26		
15	16QAM	1	74	16.72	16.71	16.63		
15	16QAM	36	0	16.04	15.98	15.98	17.5	2
15	16QAM	36	20	16.01	15.94	15.99		
15	16QAM	36	39	15.95	15.91	15.90		
15	16QAM	75	0	15.96	15.96	15.89		
15	64QAM	1	0	15.82	15.81	15.82	17.5	2
15	64QAM	1	37	16.16	16.17	16.12		
15	64QAM	1	74	15.69	15.67	15.64		
15	64QAM	36	0	15.01	14.99	15.06	16.5	3
15	64QAM	36	20	14.94	14.87	14.87		
15	64QAM	36	39	14.89	14.93	14.87		
15	64QAM	75	0	14.88	14.90	14.93		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.65	17.68	17.64	19.5	0
10	QPSK	1	25	18.00	17.97	17.94		
10	QPSK	1	49	17.69	17.67	17.65		
10	QPSK	25	0	17.01	16.97	16.95	18.5	1
10	QPSK	25	12	16.96	16.98	16.91		
10	QPSK	25	25	16.90	16.91	16.95		
10	QPSK	50	0	17.03	16.95	16.97		
10	16QAM	1	0	17.07	17.01	17.05	18.5	1
10	16QAM	1	25	17.31	17.32	17.26		
10	16QAM	1	49	16.66	16.63	16.64		
10	16QAM	25	0	16.03	15.99	15.98	17.5	2
10	16QAM	25	12	15.98	15.92	15.95		
10	16QAM	25	25	15.89	15.94	15.88		
10	16QAM	50	0	15.90	15.96	15.93		
10	64QAM	1	0	15.90	15.87	15.84	17.5	2
10	64QAM	1	25	16.17	16.12	16.15		
10	64QAM	1	49	15.62	15.69	15.65		
10	64QAM	25	0	15.00	15.01	14.97	16.5	3
10	64QAM	25	12	14.91	14.91	14.89		
10	64QAM	25	25	14.95	14.88	14.89		
10	64QAM	50	0	14.89	14.93	14.91		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.72	17.68	17.63	19.5	0
5	QPSK	1	12	17.99	17.99	17.99		
5	QPSK	1	24	17.69	17.63	17.70		
5	QPSK	12	0	16.98	16.93	16.93	18.5	1
5	QPSK	12	7	16.92	16.93	16.90		
5	QPSK	12	13	16.94	16.89	16.90		
5	QPSK	25	0	16.96	16.97	16.98		
5	16QAM	1	0	17.02	16.99	17.03	18.5	1
5	16QAM	1	12	17.33	17.31	17.24		
5	16QAM	1	24	16.63	16.63	16.70		
5	16QAM	12	0	16.04	16.04	16.04	17.5	2
5	16QAM	12	7	15.92	15.95	16.01		
5	16QAM	12	13	15.94	15.92	15.93		
5	16QAM	25	0	15.98	15.95	15.91		
5	64QAM	1	0	15.89	15.87	15.86	17.5	2
5	64QAM	1	12	16.17	16.20	16.13		
5	64QAM	1	24	15.66	15.67	15.62		
5	64QAM	12	0	15.03	15.06	15.01	16.5	3
5	64QAM	12	7	14.96	14.92	14.89		
5	64QAM	12	13	14.94	14.88	14.95		
5	64QAM	25	0	14.93	14.95	14.92		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.69	17.72	17.72	19.5	0
3	QPSK	1	8	17.97	18.02	18.02		
3	QPSK	1	14	17.70	17.66	17.66		
3	QPSK	8	0	16.93	16.96	16.94	18.5	1
3	QPSK	8	4	16.92	16.96	16.95		
3	QPSK	8	7	16.89	16.97	16.88		
3	QPSK	15	0	17.00	16.97	16.99		
3	16QAM	1	0	17.05	17.05	17.02	18.5	1
3	16QAM	1	8	17.25	17.30	17.25		
3	16QAM	1	14	16.68	16.69	16.70		
3	16QAM	8	0	16.01	15.97	16.02	17.5	2
3	16QAM	8	4	16.01	16.00	15.99		
3	16QAM	8	7	15.91	15.93	15.89		
3	16QAM	15	0	15.92	15.92	15.98		
3	64QAM	1	0	15.89	15.90	15.85	17.5	2
3	64QAM	1	8	16.18	16.12	16.13		
3	64QAM	1	14	15.63	15.61	15.70		
3	64QAM	8	0	15.04	14.97	15.04	16.5	3
3	64QAM	8	4	14.91	14.95	14.88		
3	64QAM	8	7	14.90	14.89	14.92		
3	64QAM	15	0	14.95	14.88	14.92		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.70	17.63	17.63	19.5	0
1.4	QPSK	1	3	17.99	18.03	17.95		
1.4	QPSK	1	5	17.65	17.71	17.67		
1.4	QPSK	3	0	17.74	17.80	17.72		
1.4	QPSK	3	1	17.70	17.70	17.71		
1.4	QPSK	3	3	17.73	17.68	17.75		
1.4	QPSK	6	0	16.98	16.97	17.00	18.5	1
1.4	16QAM	1	0	17.00	17.05	17.05	18.5	1
1.4	16QAM	1	3	17.32	17.33	17.26		
1.4	16QAM	1	5	16.65	16.64	16.72		
1.4	16QAM	3	0	16.83	16.78	16.80		
1.4	16QAM	3	1	16.78	16.72	16.81		
1.4	16QAM	3	3	16.68	16.73	16.74		
1.4	16QAM	6	0	15.97	15.91	15.97	17.5	2
1.4	64QAM	1	0	15.85	15.87	15.82	17.5	2
1.4	64QAM	1	3	16.14	16.14	16.15		
1.4	64QAM	1	5	15.64	15.64	15.66		
1.4	64QAM	3	0	15.77	15.79	15.85		
1.4	64QAM	3	1	15.75	15.76	15.75		
1.4	64QAM	3	3	15.69	15.67	15.70		
1.4	64QAM	6	0	14.87	14.87	14.93	16.5	3

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.06	23.07	23.03	24	0
10	QPSK	1	25	23.15	23.19	23.14		
10	QPSK	1	49	23.07	23.03	23.02		
10	QPSK	25	0	22.16	22.23	22.18	23	1
10	QPSK	25	12	22.16	22.15	22.16		
10	QPSK	25	25	22.13	22.15	22.01		
10	QPSK	50	0	22.16	22.19	22.07		
10	16QAM	1	0	22.25	22.32	22.25	23	1
10	16QAM	1	25	22.40	22.35	22.37		
10	16QAM	1	49	22.32	22.30	22.29		
10	16QAM	25	0	21.14	21.14	21.12	22	2
10	16QAM	25	12	21.15	21.15	21.15		
10	16QAM	25	25	21.21	21.15	20.98		
10	16QAM	50	0	21.17	21.15	21.05		
10	64QAM	1	0	21.19	21.16	21.20	22	2
10	64QAM	1	25	21.34	21.31	21.26		
10	64QAM	1	49	21.17	21.25	21.19		
10	64QAM	25	0	20.20	20.18	20.18	21	3
10	64QAM	25	12	20.20	20.17	20.18		
10	64QAM	25	25	20.24	20.16	20.03		
10	64QAM	50	0	20.21	20.16	20.09		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.93	23.02	22.95	24	0
5	QPSK	1	12	23.14	23.11	23.09		
5	QPSK	1	24	22.94	22.86	23.03		
5	QPSK	12	0	22.11	22.14	22.11	23	1
5	QPSK	12	7	22.14	21.96	22.09		
5	QPSK	12	13	21.94	22.07	21.89		
5	QPSK	25	0	22.12	22.00	22.00		
5	16QAM	1	0	22.24	22.16	22.22	23	1
5	16QAM	1	12	22.34	22.33	22.21		
5	16QAM	1	24	22.14	22.22	22.22		
5	16QAM	12	0	20.95	21.05	21.02	22	2
5	16QAM	12	7	21.07	21.08	21.05		
5	16QAM	12	13	21.09	21.00	20.81		
5	16QAM	25	0	21.02	21.11	20.87		
5	64QAM	1	0	21.04	21.17	21.02	22	2
5	64QAM	1	12	21.30	21.26	21.11		
5	64QAM	1	24	21.08	21.07	21.14		
5	64QAM	12	0	20.01	20.18	20.12	21	3
5	64QAM	12	7	20.09	20.12	20.09		
5	64QAM	12	13	20.05	19.98	19.84		
5	64QAM	25	0	20.19	20.09	20.09		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.90	22.94	22.97	24	0
3	QPSK	1	8	23.06	23.11	22.96		
3	QPSK	1	14	23.02	22.86	22.87		
3	QPSK	8	0	22.19	22.09	22.12	23	1
3	QPSK	8	4	21.97	22.08	22.08		
3	QPSK	8	7	22.08	21.96	21.88		
3	QPSK	15	0	22.17	22.09	21.97		
3	16QAM	1	0	22.22	22.17	22.21	23	1
3	16QAM	1	8	22.40	22.19	22.22		
3	16QAM	1	14	22.19	22.21	22.24		
3	16QAM	8	0	20.96	21.03	20.96	22	2
3	16QAM	8	4	21.02	20.99	21.13		
3	16QAM	8	7	21.02	21.12	20.85		
3	16QAM	15	0	21.14	21.06	21.05		
3	64QAM	1	0	21.19	21.13	21.12	22	2
3	64QAM	1	8	21.22	21.12	21.27		
3	64QAM	1	14	21.14	21.06	21.07		
3	64QAM	8	0	20.11	20.03	20.09	21	3
3	64QAM	8	4	20.09	19.98	20.07		
3	64QAM	8	7	20.10	20.04	20.01		
3	64QAM	15	0	20.07	19.98	20.05		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.00	23.00	22.97	24	0
1.4	QPSK	1	3	23.11	23.13	23.13		
1.4	QPSK	1	5	22.97	22.99	23.00		
1.4	QPSK	3	0	23.11	23.08	23.09		
1.4	QPSK	3	1	23.13	23.14	23.17		
1.4	QPSK	3	3	23.09	23.11	23.09		
1.4	QPSK	6	0	22.13	22.12	22.12	23	1
1.4	16QAM	1	0	22.15	22.19	22.24	23	1
1.4	16QAM	1	3	22.34	22.36	22.31		
1.4	16QAM	1	5	22.24	22.19	22.14		
1.4	16QAM	3	0	22.07	22.02	22.02		
1.4	16QAM	3	1	22.09	22.13	22.07		
1.4	16QAM	3	3	22.04	22.05	22.05		
1.4	16QAM	6	0	21.18	21.14	21.17	22	2
1.4	64QAM	1	0	21.16	21.11	21.08	22	2
1.4	64QAM	1	3	21.19	21.19	21.27		
1.4	64QAM	1	5	21.14	21.13	21.14		
1.4	64QAM	3	0	21.18	21.09	21.17		
1.4	64QAM	3	1	21.24	21.23	21.17		
1.4	64QAM	3	3	21.19	21.21	21.14		
1.4	64QAM	6	0	20.15	20.15	20.11	21	3

Band 5_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	19.56	19.59	19.56	21	0
10	QPSK	1	25	19.62	19.72	19.65		
10	QPSK	1	49	19.53	19.54	19.50		
10	QPSK	25	0	18.78	18.79	18.69	20	1
10	QPSK	25	12	18.61	18.66	18.63		
10	QPSK	25	25	18.57	18.64	18.61		
10	QPSK	50	0	18.67	18.69	18.60		
10	16QAM	1	0	18.62	18.67	18.63	20	1
10	16QAM	1	25	18.84	18.91	18.82		
10	16QAM	1	49	18.73	18.79	18.78		
10	16QAM	25	0	17.60	17.61	17.55	19	2
10	16QAM	25	12	17.61	17.62	17.52		
10	16QAM	25	25	17.65	17.73	17.68		
10	16QAM	50	0	17.70	17.72	17.66		
10	64QAM	1	0	17.60	17.67	17.62	19	2
10	64QAM	1	25	17.76	17.84	17.83		
10	64QAM	1	49	17.52	17.62	17.59		
10	64QAM	25	0	16.58	16.67	16.58	18	3
10	64QAM	25	12	16.58	16.67	16.61		
10	64QAM	25	25	16.62	16.72	16.68		
10	64QAM	50	0	16.77	16.78	16.72		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	19.56	19.57	19.50	21	0
5	QPSK	1	12	19.66	19.69	19.68		
5	QPSK	1	24	19.46	19.48	19.53		
5	QPSK	12	0	18.77	18.73	18.70	20	1
5	QPSK	12	7	18.58	18.59	18.61		
5	QPSK	12	13	18.61	18.63	18.61		
5	QPSK	25	0	18.67	18.65	18.65		
5	16QAM	1	0	18.66	18.62	18.60	20	1
5	16QAM	1	12	18.87	18.85	18.82		
5	16QAM	1	24	18.75	18.78	18.78		
5	16QAM	12	0	17.52	17.51	17.54	19	2
5	16QAM	12	7	17.58	17.52	17.61		
5	16QAM	12	13	17.71	17.65	17.65		
5	16QAM	25	0	17.67	17.70	17.69		
5	64QAM	1	0	17.62	17.64	17.60	19	2
5	64QAM	1	12	17.78	17.75	17.75		
5	64QAM	1	24	17.53	17.61	17.59		
5	64QAM	12	0	16.62	16.65	16.57	18	3
5	64QAM	12	7	16.57	16.58	16.63		
5	64QAM	12	13	16.67	16.64	16.70		
5	64QAM	25	0	16.74	16.76	16.75		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	19.57	19.51	19.52	21	0
3	QPSK	1	8	19.62	19.71	19.65		
3	QPSK	1	14	19.51	19.48	19.48		
3	QPSK	8	0	18.69	18.72	18.69	20	1
3	QPSK	8	4	18.64	18.62	18.64		
3	QPSK	8	7	18.60	18.57	18.63		
3	QPSK	15	0	18.60	18.63	18.59		
3	16QAM	1	0	18.59	18.57	18.62	20	1
3	16QAM	1	8	18.86	18.81	18.84		
3	16QAM	1	14	18.76	18.75	18.78		
3	16QAM	8	0	17.55	17.53	17.59	19	2
3	16QAM	8	4	17.52	17.60	17.60		
3	16QAM	8	7	17.71	17.69	17.72		
3	16QAM	15	0	17.69	17.63	17.62		
3	64QAM	1	0	17.58	17.63	17.60	19	2
3	64QAM	1	8	17.74	17.74	17.83		
3	64QAM	1	14	17.59	17.52	17.60		
3	64QAM	8	0	16.57	16.60	16.58	18	3
3	64QAM	8	4	16.65	16.61	16.61		
3	64QAM	8	7	16.65	16.71	16.62		
3	64QAM	15	0	16.75	16.73	16.75		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	19.52	19.57	19.58	21	0
1.4	QPSK	1	3	19.70	19.63	19.65		
1.4	QPSK	1	5	19.53	19.53	19.53		
1.4	QPSK	3	0	19.50	19.58	19.53		
1.4	QPSK	3	1	19.38	19.45	19.41		
1.4	QPSK	3	3	19.35	19.41	19.41		
1.4	QPSK	6	0	18.68	18.66	18.61	20	1
1.4	16QAM	1	0	18.58	18.62	18.57	20	1
1.4	16QAM	1	3	18.81	18.88	18.81		
1.4	16QAM	1	5	18.73	18.76	18.74		
1.4	16QAM	3	0	18.40	18.39	18.36		
1.4	16QAM	3	1	18.32	18.41	18.41		
1.4	16QAM	3	3	18.47	18.50	18.49		
1.4	16QAM	6	0	17.66	17.71	17.70	19	2
1.4	64QAM	1	0	17.59	17.58	17.64	19	2
1.4	64QAM	1	3	17.79	17.79	17.78		
1.4	64QAM	1	5	17.61	17.56	17.57		
1.4	64QAM	3	0	17.44	17.42	17.39		
1.4	64QAM	3	1	17.38	17.45	17.40		
1.4	64QAM	3	3	17.48	17.51	17.44		
1.4	64QAM	6	0	16.75	16.74	16.75	18	3

Band 7_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	13.14	13.17	13.15	14	0
20	QPSK	1	49	13.53	13.58	13.57		
20	QPSK	1	99	13.13	13.21	13.14		
20	QPSK	50	0	12.58	12.65	12.57	13	1
20	QPSK	50	24	12.49	12.57	12.49		
20	QPSK	50	50	12.52	12.55	12.52		
20	QPSK	100	0	12.46	12.56	12.52		
20	16QAM	1	0	12.33	12.34	12.31	13	1
20	16QAM	1	49	12.59	12.68	12.58		
20	16QAM	1	99	12.39	12.46	12.38		
20	16QAM	50	0	11.49	11.58	11.49	12	2
20	16QAM	50	24	11.57	11.59	11.53		
20	16QAM	50	50	11.60	11.65	11.55		
20	16QAM	100	0	11.53	11.60	11.52		
20	64QAM	1	0	11.27	11.32	11.28	12	2
20	64QAM	1	49	11.55	11.57	11.48		
20	64QAM	1	99	11.40	11.41	11.37		
20	64QAM	50	0	10.53	10.59	10.55	11	3
20	64QAM	50	24	10.52	10.59	10.52		
20	64QAM	50	50	10.62	10.63	10.59		
20	64QAM	100	0	10.52	10.59	10.58		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	13.08	13.11	13.13	14	0
15	QPSK	1	37	13.51	13.55	13.50		
15	QPSK	1	74	13.17	13.18	13.14		
15	QPSK	36	0	12.50	12.58	12.56	13	1
15	QPSK	36	20	12.54	12.54	12.56		
15	QPSK	36	39	12.47	12.49	12.54		
15	QPSK	75	0	12.49	12.55	12.54		
15	16QAM	1	0	12.27	12.29	12.33	13	1
15	16QAM	1	37	12.58	12.64	12.59		
15	16QAM	1	74	12.45	12.44	12.38		
15	16QAM	36	0	11.53	11.51	11.55	12	2
15	16QAM	36	20	11.53	11.54	11.58		
15	16QAM	36	39	11.61	11.55	11.63		
15	16QAM	75	0	11.58	11.55	11.53		
15	64QAM	1	0	11.25	11.22	11.29	12	2
15	64QAM	1	37	11.55	11.52	11.50		
15	64QAM	1	74	11.32	11.32	11.31		
15	64QAM	36	0	10.58	10.51	10.53	11	3
15	64QAM	36	20	10.50	10.58	10.51		
15	64QAM	36	39	10.59	10.62	10.55		
15	64QAM	75	0	10.50	10.57	10.51		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	13.13	13.13	13.14	14	0
10	QPSK	1	25	13.49	13.57	13.52		
10	QPSK	1	49	13.14	13.14	13.15		
10	QPSK	25	0	12.53	12.56	12.57	13	1
10	QPSK	25	12	12.48	12.55	12.51		
10	QPSK	25	25	12.46	12.47	12.53		
10	QPSK	50	0	12.49	12.49	12.53		
10	16QAM	1	0	12.24	12.25	12.26	13	1
10	16QAM	1	25	12.59	12.60	12.59		
10	16QAM	1	49	12.41	12.42	12.43		
10	16QAM	25	0	11.54	11.56	11.55	12	2
10	16QAM	25	12	11.54	11.49	11.49		
10	16QAM	25	25	11.64	11.61	11.63		
10	16QAM	50	0	11.50	11.53	11.56		
10	64QAM	1	0	11.25	11.24	11.26	12	2
10	64QAM	1	25	11.55	11.51	11.49		
10	64QAM	1	49	11.36	11.38	11.36		
10	64QAM	25	0	10.54	10.53	10.55	11	3
10	64QAM	25	12	10.58	10.54	10.53		
10	64QAM	25	25	10.57	10.56	10.55		
10	64QAM	50	0	10.51	10.50	10.49		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	13.08	13.10	13.09	14	0
5	QPSK	1	12	13.54	13.53	13.51		
5	QPSK	1	24	13.20	13.14	13.20		
5	QPSK	12	0	12.57	12.50	12.50	13	1
5	QPSK	12	7	12.47	12.51	12.50		
5	QPSK	12	13	12.52	12.54	12.48		
5	QPSK	25	0	12.48	12.49	12.55		
5	16QAM	1	0	12.32	12.29	12.30	13	1
5	16QAM	1	12	12.65	12.67	12.59		
5	16QAM	1	24	12.41	12.38	12.45		
5	16QAM	12	0	11.56	11.55	11.56	12	2
5	16QAM	12	7	11.54	11.55	11.55		
5	16QAM	12	13	11.60	11.60	11.59		
5	16QAM	25	0	11.53	11.54	11.50		
5	64QAM	1	0	11.22	11.25	11.27	12	2
5	64QAM	1	12	11.53	11.51	11.50		
5	64QAM	1	24	11.33	11.31	11.39		
5	64QAM	12	0	10.56	10.56	10.54	11	3
5	64QAM	12	7	10.58	10.56	10.57		
5	64QAM	12	13	10.61	10.56	10.54		
5	64QAM	25	0	10.56	10.58	10.49		

Band 7_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	13.17	13.24	13.18	15	0
20	QPSK	1	49	13.62	13.66	13.62		
20	QPSK	1	99	13.29	13.30	13.27		
20	QPSK	50	0	12.60	12.66	12.62	14	1
20	QPSK	50	24	12.52	12.62	12.54		
20	QPSK	50	50	12.58	12.63	12.55		
20	QPSK	100	0	12.58	12.61	12.53		
20	16QAM	1	0	12.45	12.48	12.45	14	1
20	16QAM	1	49	12.83	12.91	12.85		
20	16QAM	1	99	12.48	12.52	12.50		
20	16QAM	50	0	11.70	11.72	11.67	13	2
20	16QAM	50	24	11.66	11.67	11.63		
20	16QAM	50	50	11.74	11.75	11.73		
20	16QAM	100	0	11.66	11.70	11.63		
20	64QAM	1	0	11.30	11.36	11.27	13	2
20	64QAM	1	49	11.71	11.77	11.72		
20	64QAM	1	99	11.53	11.54	11.49		
20	64QAM	50	0	10.65	10.70	10.64	12	3
20	64QAM	50	24	10.63	10.67	10.57		
20	64QAM	50	50	10.57	10.66	10.58		
20	64QAM	100	0	10.58	10.66	10.57		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	13.15	13.15	13.15	15	0
15	QPSK	1	37	13.58	13.60	13.63		
15	QPSK	1	74	13.27	13.22	13.29		
15	QPSK	36	0	12.63	12.64	12.63	14	1
15	QPSK	36	20	12.54	12.58	12.53		
15	QPSK	36	39	12.54	12.62	12.53		
15	QPSK	75	0	12.60	12.52	12.56		
15	16QAM	1	0	12.39	12.41	12.46	14	1
15	16QAM	1	37	12.88	12.90	12.85		
15	16QAM	1	74	12.48	12.49	12.46		
15	16QAM	36	0	11.65	11.63	11.68	13	2
15	16QAM	36	20	11.66	11.64	11.58		
15	16QAM	36	39	11.72	11.72	11.66		
15	16QAM	75	0	11.62	11.65	11.67		
15	64QAM	1	0	11.26	11.30	11.33	13	2
15	64QAM	1	37	11.67	11.73	11.75		
15	64QAM	1	74	11.49	11.52	11.50		
15	64QAM	36	0	10.65	10.68	10.62	12	3
15	64QAM	36	20	10.62	10.64	10.64		
15	64QAM	36	39	10.65	10.57	10.59		
15	64QAM	75	0	10.61	10.64	10.57		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	13.21	13.16	13.20	15	0
10	QPSK	1	25	13.65	13.63	13.56		
10	QPSK	1	49	13.21	13.26	13.25		
10	QPSK	25	0	12.59	12.56	12.64	14	1
10	QPSK	25	12	12.61	12.55	12.60		
10	QPSK	25	25	12.55	12.56	12.62		
10	QPSK	50	0	12.54	12.55	12.58		
10	16QAM	1	0	12.41	12.47	12.45	14	1
10	16QAM	1	25	12.86	12.85	12.81		
10	16QAM	1	49	12.45	12.51	12.49		
10	16QAM	25	0	11.65	11.67	11.67	13	2
10	16QAM	25	12	11.59	11.61	11.58		
10	16QAM	25	25	11.65	11.74	11.69		
10	16QAM	50	0	11.64	11.66	11.65		
10	64QAM	1	0	11.35	11.26	11.31	13	2
10	64QAM	1	25	11.68	11.74	11.67		
10	64QAM	1	49	11.49	11.51	11.48		
10	64QAM	25	0	10.67	10.68	10.62	12	3
10	64QAM	25	12	10.63	10.57	10.63		
10	64QAM	25	25	10.58	10.62	10.58		
10	64QAM	50	0	10.63	10.63	10.62		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	13.21	13.14	13.14	15	0
5	QPSK	1	12	13.65	13.59	13.56		
5	QPSK	1	24	13.29	13.23	13.22		
5	QPSK	12	0	12.56	12.65	12.62	14	1
5	QPSK	12	7	12.60	12.54	12.55		
5	QPSK	12	13	12.59	12.60	12.59		
5	QPSK	25	0	12.54	12.52	12.55		
5	16QAM	1	0	12.47	12.46	12.44	14	1
5	16QAM	1	12	12.84	12.88	12.89		
5	16QAM	1	24	12.49	12.48	12.50		
5	16QAM	12	0	11.67	11.69	11.62	13	2
5	16QAM	12	7	11.66	11.66	11.66		
5	16QAM	12	13	11.72	11.65	11.65		
5	16QAM	25	0	11.63	11.63	11.67		
5	64QAM	1	0	11.35	11.30	11.33	13	2
5	64QAM	1	12	11.71	11.69	11.67		
5	64QAM	1	24	11.47	11.51	11.52		
5	64QAM	12	0	10.67	10.68	10.65	12	3
5	64QAM	12	7	10.59	10.66	10.57		
5	64QAM	12	13	10.56	10.64	10.56		
5	64QAM	25	0	10.58	10.56	10.63		

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.13		24	0
10	QPSK	1	25		23.26			
10	QPSK	1	49		23.15			
10	QPSK	25	0		22.26		23	1
10	QPSK	25	12		22.16			
10	QPSK	25	25		22.13			
10	QPSK	50	0		22.19			
10	16QAM	1	0		22.33		23	1
10	16QAM	1	25		22.49			
10	16QAM	1	49		22.44			
10	16QAM	25	0		21.19		22	2
10	16QAM	25	12		21.29			
10	16QAM	25	25		21.16			
10	16QAM	50	0		21.23			
10	64QAM	1	0		21.40		22	2
10	64QAM	1	25		21.42			
10	64QAM	1	49		21.39			
10	64QAM	25	0		20.23		21	3
10	64QAM	25	12		20.29			
10	64QAM	25	25		20.18			
10	64QAM	50	0		20.19			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.00	23.00	23.07	24	0
5	QPSK	1	12	23.21	23.22	23.13		
5	QPSK	1	24	23.00	23.08	23.00		
5	QPSK	12	0	22.17	22.23	22.20	23	1
5	QPSK	12	7	22.02	22.16	22.10		
5	QPSK	12	13	22.05	21.97	22.04		
5	QPSK	25	0	22.20	22.18	22.05		
5	16QAM	1	0	22.29	22.22	22.22	23	1
5	16QAM	1	12	22.39	22.47	22.49		
5	16QAM	1	24	22.44	22.29	22.43		
5	16QAM	12	0	21.17	21.13	21.04	22	2
5	16QAM	12	7	21.10	21.23	21.23		
5	16QAM	12	13	21.03	21.14	20.98		
5	16QAM	25	0	21.15	21.23	21.04		
5	64QAM	1	0	21.35	21.24	21.38	22	2
5	64QAM	1	12	21.37	21.26	21.28		
5	64QAM	1	24	21.34	21.21	21.22		
5	64QAM	12	0	20.14	20.08	20.17	21	3
5	64QAM	12	7	20.19	20.26	20.12		
5	64QAM	12	13	20.12	20.00	20.12		
5	64QAM	25	0	20.08	20.12	20.18		

Band 26(FCC)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.99	22.91	22.94	24	0
15	QPSK	1	37	23.20	23.25	23.14		
15	QPSK	1	74	22.99	22.94	22.94		
15	QPSK	36	0	22.12	22.15	22.13	23	1
15	QPSK	36	20	22.09	22.08	22.12		
15	QPSK	36	39	22.10	22.11	22.06		
15	QPSK	75	0	22.10	22.11	22.08		
15	16QAM	1	0	22.26	22.15	22.23	23	1
15	16QAM	1	37	22.52	22.49	22.42		
15	16QAM	1	74	22.20	22.22	22.15		
15	16QAM	36	0	21.07	21.05	21.11	22	2
15	16QAM	36	20	21.11	21.09	21.15		
15	16QAM	36	39	21.08	21.10	21.03		
15	16QAM	75	0	21.10	21.07	21.10		
15	64QAM	1	0	21.17	21.08	21.15	22	2
15	64QAM	1	37	21.28	21.36	21.38		
15	64QAM	1	74	21.19	21.21	21.13		
15	64QAM	36	0	20.15	20.11	20.15	21	3
15	64QAM	36	20	20.17	20.19	20.19		
15	64QAM	36	39	20.16	20.15	20.10		
15	64QAM	75	0	20.13	20.14	20.13		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.92	22.92	22.90	24	0
10	QPSK	1	25	23.21	23.24	22.96		
10	QPSK	1	49	22.97	22.94	22.76		
10	QPSK	25	0	22.13	22.12	21.95	23	1
10	QPSK	25	12	21.91	21.93	22.05		
10	QPSK	25	25	22.08	22.07	21.89		
10	QPSK	50	0	22.09	22.12	21.90		
10	16QAM	1	0	22.27	21.96	22.23	23	1
10	16QAM	1	25	22.46	22.32	22.40		
10	16QAM	1	49	22.12	22.06	22.07		
10	16QAM	25	0	21.03	20.96	21.12	22	2
10	16QAM	25	12	20.93	20.91	21.12		
10	16QAM	25	25	21.03	20.97	20.88		
10	16QAM	50	0	20.92	20.97	20.93		
10	64QAM	1	0	21.00	20.92	21.04	22	2
10	64QAM	1	25	21.27	21.23	21.36		
10	64QAM	1	49	21.03	21.04	21.08		
10	64QAM	25	0	20.04	19.93	19.98	21	3
10	64QAM	25	12	19.99	20.04	20.15		
10	64QAM	25	25	20.08	20.01	19.99		
10	64QAM	50	0	20.13	19.96	20.07		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.93	22.82	22.75	24	0
5	QPSK	1	12	23.03	23.21	23.02		
5	QPSK	1	24	22.93	22.76	22.76		
5	QPSK	12	0	21.93	22.02	21.99	23	1
5	QPSK	12	7	22.00	22.07	22.02		
5	QPSK	12	13	22.10	22.09	21.97		
5	QPSK	25	0	22.06	21.94	22.09		
5	16QAM	1	0	22.17	22.11	22.14	23	1
5	16QAM	1	12	22.50	22.39	22.41		
5	16QAM	1	24	22.18	22.09	22.09		
5	16QAM	12	0	20.94	20.94	20.96	22	2
5	16QAM	12	7	21.06	20.94	20.98		
5	16QAM	12	13	20.90	20.94	20.84		
5	16QAM	25	0	21.01	20.95	20.94		
5	64QAM	1	0	21.15	21.08	21.01	22	2
5	64QAM	1	12	21.16	21.31	21.22		
5	64QAM	1	24	21.11	21.09	21.09		
5	64QAM	12	0	20.02	19.93	20.11	21	3
5	64QAM	12	7	19.98	20.02	20.02		
5	64QAM	12	13	20.09	20.06	19.93		
5	64QAM	25	0	20.04	20.10	19.94		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.82	22.81	22.90	24	0
3	QPSK	1	8	23.16	23.14	22.97		
3	QPSK	1	14	22.88	22.87	22.85		
3	QPSK	8	0	22.03	21.96	21.96	23	1
3	QPSK	8	4	21.98	21.93	22.01		
3	QPSK	8	7	21.93	22.03	21.93		
3	QPSK	15	0	22.09	21.98	22.06		
3	16QAM	1	0	22.14	22.02	22.21	23	1
3	16QAM	1	8	22.53	22.41	22.37		
3	16QAM	1	14	22.09	22.03	22.03		
3	16QAM	8	0	20.89	21.01	21.09	22	2
3	16QAM	8	4	20.92	21.00	21.13		
3	16QAM	8	7	21.07	21.01	21.00		
3	16QAM	15	0	21.02	20.98	20.99		
3	64QAM	1	0	21.12	20.96	21.14	22	2
3	64QAM	1	8	21.09	21.33	21.39		
3	64QAM	1	14	21.11	21.10	21.05		
3	64QAM	8	0	20.06	20.02	20.16	21	3
3	64QAM	8	4	20.12	20.14	20.18		
3	64QAM	8	7	20.09	20.06	20.00		
3	64QAM	15	0	20.13	20.12	19.98		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.01	23.00	22.98	24	0
1.4	QPSK	1	3	23.16	23.10	23.09		
1.4	QPSK	1	5	23.03	22.99	23.01		
1.4	QPSK	3	0	23.14	23.10	23.10		
1.4	QPSK	3	1	23.18	23.13	23.14		
1.4	QPSK	3	3	23.14	23.09	23.10		
1.4	QPSK	6	0	22.13	22.13	22.16	23	1
1.4	16QAM	1	0	22.17	22.21	22.13	23	1
1.4	16QAM	1	3	22.38	22.36	22.35		
1.4	16QAM	1	5	22.21	22.26	22.19		
1.4	16QAM	3	0	22.09	22.02	22.04		
1.4	16QAM	3	1	22.15	22.13	22.14		
1.4	16QAM	3	3	22.08	22.05	22.03		
1.4	16QAM	6	0	21.21	21.19	21.19	22	2
1.4	64QAM	1	0	21.17	21.21	21.20	22	2
1.4	64QAM	1	3	21.19	21.26	21.28		
1.4	64QAM	1	5	21.13	21.12	21.17		
1.4	64QAM	3	0	21.21	21.23	21.19		
1.4	64QAM	3	1	21.26	21.22	21.25		
1.4	64QAM	3	3	21.15	21.16	21.15		
1.4	64QAM	6	0	20.17	20.16	20.14	21	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	19.57	19.62	19.55	21	0
15	QPSK	1	37	19.87	19.89	19.83		
15	QPSK	1	74	19.59	19.63	19.53		
15	QPSK	36	0	18.83	18.85	18.82	20	1
15	QPSK	36	20	18.76	18.77	18.67		
15	QPSK	36	39	18.71	18.79	18.71		
15	QPSK	75	0	18.76	18.80	18.70		
15	16QAM	1	0	18.79	18.80	18.72	20	1
15	16QAM	1	37	19.07	19.16	19.11		
15	16QAM	1	74	18.81	18.86	18.85		
15	16QAM	36	0	17.65	17.71	17.61	19	2
15	16QAM	36	20	17.70	17.75	17.71		
15	16QAM	36	39	17.75	17.81	17.78		
15	16QAM	75	0	17.74	17.79	17.78		
15	64QAM	1	0	17.66	17.76	17.72	19	2
15	64QAM	1	37	17.86	17.95	17.93		
15	64QAM	1	74	17.65	17.74	17.71		
15	64QAM	36	0	16.77	16.82	16.73	18	3
15	64QAM	36	20	16.87	16.88	16.85		
15	64QAM	36	39	16.81	16.87	16.86		
15	64QAM	75	0	16.74	16.84	16.76		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	19.53	19.56	19.60	21	0
10	QPSK	1	25	19.85	19.83	19.81		
10	QPSK	1	49	19.58	19.59	19.62		
10	QPSK	25	0	18.75	18.84	18.80	20	1
10	QPSK	25	12	18.71	18.73	18.70		
10	QPSK	25	25	18.77	18.70	18.74		
10	QPSK	50	0	18.75	18.77	18.72		
10	16QAM	1	0	18.72	18.79	18.76	20	1
10	16QAM	1	25	19.14	19.09	19.09		
10	16QAM	1	49	18.76	18.79	18.82		
10	16QAM	25	0	17.62	17.64	17.67	19	2
10	16QAM	25	12	17.70	17.73	17.74		
10	16QAM	25	25	17.80	17.80	17.80		
10	16QAM	50	0	17.73	17.76	17.78		
10	64QAM	1	0	17.72	17.68	17.66	19	2
10	64QAM	1	25	17.90	17.86	17.85		
10	64QAM	1	49	17.65	17.69	17.64		
10	64QAM	25	0	16.76	16.77	16.80	18	3
10	64QAM	25	12	16.83	16.87	16.83		
10	64QAM	25	25	16.83	16.80	16.82		
10	64QAM	50	0	16.79	16.81	16.83		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	19.52	19.53	19.59	21	0
5	QPSK	1	12	19.79	19.83	19.85		
5	QPSK	1	24	19.53	19.55	19.56		
5	QPSK	12	0	18.80	18.84	18.78	20	1
5	QPSK	12	7	18.72	18.76	18.68		
5	QPSK	12	13	18.75	18.70	18.76		
5	QPSK	25	0	18.70	18.76	18.79		
5	16QAM	1	0	18.77	18.75	18.77	20	1
5	16QAM	1	12	19.06	19.13	19.09		
5	16QAM	1	24	18.80	18.79	18.83		
5	16QAM	12	0	17.61	17.68	17.63	19	2
5	16QAM	12	7	17.70	17.73	17.70		
5	16QAM	12	13	17.72	17.72	17.74		
5	16QAM	25	0	17.73	17.71	17.70		
5	64QAM	1	0	17.71	17.68	17.71	19	2
5	64QAM	1	12	17.92	17.89	17.87		
5	64QAM	1	24	17.71	17.72	17.66		
5	64QAM	12	0	16.72	16.73	16.73	18	3
5	64QAM	12	7	16.83	16.85	16.86		
5	64QAM	12	13	16.78	16.84	16.79		
5	64QAM	25	0	16.75	16.74	16.76		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	19.59	19.55	19.59	21	0
3	QPSK	1	8	19.87	19.81	19.82		
3	QPSK	1	14	19.58	19.56	19.58		
3	QPSK	8	0	18.81	18.76	18.81	20	1
3	QPSK	8	4	18.74	18.71	18.67		
3	QPSK	8	7	18.76	18.77	18.69		
3	QPSK	15	0	18.72	18.79	18.74		
3	16QAM	1	0	18.75	18.72	18.78	20	1
3	16QAM	1	8	19.07	19.07	19.10		
3	16QAM	1	14	18.80	18.77	18.83		
3	16QAM	8	0	17.65	17.68	17.64	19	2
3	16QAM	8	4	17.67	17.74	17.67		
3	16QAM	8	7	17.79	17.78	17.73		
3	16QAM	15	0	17.73	17.72	17.76		
3	64QAM	1	0	17.67	17.75	17.70	19	2
3	64QAM	1	8	17.87	17.93	17.88		
3	64QAM	1	14	17.70	17.68	17.71		
3	64QAM	8	0	16.73	16.79	16.78	18	3
3	64QAM	8	4	16.80	16.79	16.80		
3	64QAM	8	7	16.85	16.82	16.81		
3	64QAM	15	0	16.76	16.83	16.79		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	19.61	19.57	19.52	21	0
1.4	QPSK	1	3	19.87	19.79	19.85		
1.4	QPSK	1	5	19.56	19.54	19.53		
1.4	QPSK	3	0	19.64	19.62	19.56		
1.4	QPSK	3	1	19.53	19.50	19.55		
1.4	QPSK	3	3	19.54	19.57	19.56		
1.4	QPSK	6	0	18.74	18.79	18.74	20	1
1.4	16QAM	1	0	18.71	18.74	18.77	20	1
1.4	16QAM	1	3	19.09	19.14	19.12		
1.4	16QAM	1	5	18.82	18.77	18.83		
1.4	16QAM	3	0	18.47	18.42	18.49		
1.4	16QAM	3	1	18.47	18.53	18.49		
1.4	16QAM	3	3	18.58	18.56	18.56		
1.4	16QAM	6	0	17.69	17.75	17.73	19	2
1.4	64QAM	1	0	17.70	17.70	17.66	19	2
1.4	64QAM	1	3	17.89	17.94	17.93		
1.4	64QAM	1	5	17.72	17.67	17.65		
1.4	64QAM	3	0	17.52	17.55	17.57		
1.4	64QAM	3	1	17.66	17.63	17.61		
1.4	64QAM	3	3	17.62	17.61	17.65		
1.4	64QAM	6	0	16.74	16.82	16.77	18	3

Band 66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.36	17.37	17.30	18.5	0
20	QPSK	1	49	17.74	17.78	17.76		
20	QPSK	1	99	17.28	17.31	17.22		
20	QPSK	50	0	16.77	16.80	16.72	17.5	1
20	QPSK	50	24	16.71	16.79	16.69		
20	QPSK	50	50	16.70	16.74	16.67		
20	QPSK	100	0	16.66	16.69	16.66		
20	16QAM	1	0	16.64	16.70	16.65	17.5	1
20	16QAM	1	49	16.92	16.96	16.87		
20	16QAM	1	99	16.50	16.55	16.48		
20	16QAM	50	0	15.67	15.77	15.72	16.5	2
20	16QAM	50	24	15.63	15.73	15.65		
20	16QAM	50	50	15.63	15.72	15.65		
20	16QAM	100	0	15.67	15.76	15.72		
20	64QAM	1	0	15.50	15.53	15.45	16.5	2
20	64QAM	1	49	15.84	15.94	15.93		
20	64QAM	1	99	15.33	15.37	15.29		
20	64QAM	50	0	14.62	14.71	14.65	15.5	3
20	64QAM	50	24	14.73	14.76	14.72		
20	64QAM	50	50	14.60	14.61	14.58		
20	64QAM	100	0	14.61	14.71	14.69		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.29	17.31	17.31	18.5	0
15	QPSK	1	37	17.70	17.71	17.73		
15	QPSK	1	74	17.21	17.21	17.29		
15	QPSK	36	0	16.73	16.79	16.76	17.5	1
15	QPSK	36	20	16.69	16.78	16.75		
15	QPSK	36	39	16.64	16.71	16.73		
15	QPSK	75	0	16.62	16.65	16.62		
15	16QAM	1	0	16.69	16.67	16.62	17.5	1
15	16QAM	1	37	16.94	16.94	16.86		
15	16QAM	1	74	16.51	16.45	16.52		
15	16QAM	36	0	15.71	15.73	15.74	16.5	2
15	16QAM	36	20	15.69	15.71	15.66		
15	16QAM	36	39	15.68	15.65	15.67		
15	16QAM	75	0	15.67	15.67	15.73		
15	64QAM	1	0	15.48	15.45	15.50	16.5	2
15	64QAM	1	37	15.87	15.85	15.86		
15	64QAM	1	74	15.29	15.27	15.33		
15	64QAM	36	0	14.65	14.69	14.65	15.5	3
15	64QAM	36	20	14.69	14.66	14.72		
15	64QAM	36	39	14.54	14.57	14.58		
15	64QAM	75	0	14.66	14.62	14.63		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.28	17.34	17.30	18.5	0
10	QPSK	1	25	17.75	17.74	17.68		
10	QPSK	1	49	17.25	17.27	17.25		
10	QPSK	25	0	16.75	16.72	16.70	17.5	1
10	QPSK	25	12	16.72	16.74	16.74		
10	QPSK	25	25	16.68	16.66	16.72		
10	QPSK	50	0	16.67	16.67	16.61		
10	16QAM	1	0	16.60	16.69	16.69	17.5	1
10	16QAM	1	25	16.88	16.93	16.95		
10	16QAM	1	49	16.52	16.54	16.46		
10	16QAM	25	0	15.72	15.76	15.76	16.5	2
10	16QAM	25	12	15.70	15.65	15.71		
10	16QAM	25	25	15.66	15.62	15.63		
10	16QAM	50	0	15.71	15.74	15.68		
10	64QAM	1	0	15.49	15.50	15.46	16.5	2
10	64QAM	1	25	15.85	15.92	15.87		
10	64QAM	1	49	15.27	15.28	15.29		
10	64QAM	25	0	14.69	14.70	14.63	15.5	3
10	64QAM	25	12	14.71	14.71	14.68		
10	64QAM	25	25	14.51	14.60	14.59		
10	64QAM	50	0	14.63	14.62	14.67		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.29	17.27	17.29	18.5	0
5	QPSK	1	12	17.70	17.74	17.73		
5	QPSK	1	24	17.21	17.30	17.21		
5	QPSK	12	0	16.71	16.79	16.70	17.5	1
5	QPSK	12	7	16.72	16.76	16.71		
5	QPSK	12	13	16.72	16.67	16.70		
5	QPSK	25	0	16.62	16.66	16.66		
5	16QAM	1	0	16.61	16.67	16.67	17.5	1
5	16QAM	1	12	16.87	16.93	16.89		
5	16QAM	1	24	16.51	16.50	16.46		
5	16QAM	12	0	15.76	15.68	15.76	16.5	2
5	16QAM	12	7	15.66	15.70	15.71		
5	16QAM	12	13	15.63	15.66	15.70		
5	16QAM	25	0	15.69	15.73	15.70		
5	64QAM	1	0	15.43	15.51	15.45	16.5	2
5	64QAM	1	12	15.90	15.92	15.87		
5	64QAM	1	24	15.36	15.30	15.34		
5	64QAM	12	0	14.69	14.67	14.64	15.5	3
5	64QAM	12	7	14.70	14.72	14.73		
5	64QAM	12	13	14.54	14.52	14.59		
5	64QAM	25	0	14.67	14.69	14.61		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.27	17.36	17.28	18.5	0
3	QPSK	1	8	17.77	17.68	17.72		
3	QPSK	1	14	17.25	17.24	17.28		
3	QPSK	8	0	16.73	16.71	16.72	17.5	1
3	QPSK	8	4	16.78	16.78	16.75		
3	QPSK	8	7	16.73	16.73	16.69		
3	QPSK	15	0	16.66	16.65	16.66		
3	16QAM	1	0	16.63	16.61	16.62	17.5	1
3	16QAM	1	8	16.94	16.92	16.89		
3	16QAM	1	14	16.45	16.46	16.49		
3	16QAM	8	0	15.71	15.71	15.69	16.5	2
3	16QAM	8	4	15.70	15.64	15.70		
3	16QAM	8	7	15.65	15.68	15.68		
3	16QAM	15	0	15.73	15.75	15.70		
3	64QAM	1	0	15.43	15.46	15.47	16.5	2
3	64QAM	1	8	15.93	15.89	15.90		
3	64QAM	1	14	15.29	15.35	15.35		
3	64QAM	8	0	14.68	14.68	14.64	15.5	3
3	64QAM	8	4	14.74	14.74	14.70		
3	64QAM	8	7	14.51	14.59	14.55		
3	64QAM	15	0	14.67	14.65	14.68		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.32	17.28	17.36	18.5	0
1.4	QPSK	1	3	17.76	17.77	17.76		
1.4	QPSK	1	5	17.25	17.29	17.23		
1.4	QPSK	3	0	17.51	17.57	17.54		
1.4	QPSK	3	1	17.55	17.57	17.54		
1.4	QPSK	3	3	17.52	17.52	17.44		
1.4	QPSK	6	0	16.61	16.60	16.66	17.5	1
1.4	16QAM	1	0	16.67	16.62	16.66	17.5	1
1.4	16QAM	1	3	16.91	16.88	16.87		
1.4	16QAM	1	5	16.53	16.49	16.47		
1.4	16QAM	3	0	16.49	16.47	16.49		
1.4	16QAM	3	1	16.47	16.44	16.52		
1.4	16QAM	3	3	16.44	16.45	16.42		
1.4	16QAM	6	0	15.69	15.73	15.69	16.5	2
1.4	64QAM	1	0	15.46	15.50	15.48	16.5	2
1.4	64QAM	1	3	15.87	15.91	15.92		
1.4	64QAM	1	5	15.29	15.31	15.32		
1.4	64QAM	3	0	15.47	15.49	15.47		
1.4	64QAM	3	1	15.49	15.51	15.49		
1.4	64QAM	3	3	15.39	15.31	15.34		
1.4	64QAM	6	0	14.70	14.64	14.69	15.5	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.71	17.74	17.68	19.5	0
20	QPSK	1	49	18.08	18.18	18.11		
20	QPSK	1	99	17.60	17.64	17.59		
20	QPSK	50	0	17.11	17.17	17.14	18.5	1
20	QPSK	50	24	17.05	17.10	17.04		
20	QPSK	50	50	17.04	17.06	17.03		
20	QPSK	100	0	17.03	17.11	17.01		
20	16QAM	1	0	16.99	17.02	16.92	18.5	1
20	16QAM	1	49	17.36	17.38	17.32		
20	16QAM	1	99	16.98	16.99	16.90		
20	16QAM	50	0	16.01	16.10	16.09	17.5	2
20	16QAM	50	24	16.05	16.10	16.00		
20	16QAM	50	50	15.92	15.99	15.89		
20	16QAM	100	0	16.08	16.10	16.08		
20	64QAM	1	0	15.85	15.88	15.78	17.5	2
20	64QAM	1	49	16.25	16.27	16.21		
20	64QAM	1	99	15.79	15.88	15.83		
20	64QAM	50	0	15.18	15.21	15.19	16.5	3
20	64QAM	50	24	14.98	15.08	15.07		
20	64QAM	50	50	15.03	15.04	14.99		
20	64QAM	100	0	15.00	15.04	15.00		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.66	17.64	17.73	19.5	0
15	QPSK	1	37	18.17	18.10	18.10		
15	QPSK	1	74	17.56	17.55	17.54		
15	QPSK	36	0	17.13	17.08	17.10	18.5	1
15	QPSK	36	20	17.02	17.06	17.04		
15	QPSK	36	39	17.04	17.01	16.96		
15	QPSK	75	0	17.07	17.06	17.09		
15	16QAM	1	0	16.99	16.97	16.96	18.5	1
15	16QAM	1	37	17.31	17.32	17.29		
15	16QAM	1	74	16.95	16.91	16.95		
15	16QAM	36	0	16.00	16.00	16.07	17.5	2
15	16QAM	36	20	16.01	16.09	16.05		
15	16QAM	36	39	15.94	15.94	15.93		
15	16QAM	75	0	16.08	16.01	16.01		
15	64QAM	1	0	15.85	15.82	15.86	17.5	2
15	64QAM	1	37	16.18	16.21	16.24		
15	64QAM	1	74	15.86	15.82	15.87		
15	64QAM	36	0	15.17	15.19	15.15	16.5	3
15	64QAM	36	20	15.07	15.03	15.03		
15	64QAM	36	39	15.02	15.00	15.02		
15	64QAM	75	0	15.01	14.98	14.94		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.72	17.66	17.70	19.5	0
10	QPSK	1	25	18.14	18.16	18.10		
10	QPSK	1	49	17.62	17.56	17.62		
10	QPSK	25	0	17.11	17.08	17.09	18.5	1
10	QPSK	25	12	17.00	17.07	17.07		
10	QPSK	25	25	16.99	17.02	17.03		
10	QPSK	50	0	17.04	17.06	17.07		
10	16QAM	1	0	16.94	16.96	17.01	18.5	1
10	16QAM	1	25	17.30	17.32	17.32		
10	16QAM	1	49	16.96	16.91	16.95		
10	16QAM	25	0	16.05	16.09	16.04	17.5	2
10	16QAM	25	12	16.00	16.00	16.02		
10	16QAM	25	25	15.98	15.97	15.97		
10	16QAM	50	0	16.09	16.07	16.01		
10	64QAM	1	0	15.86	15.82	15.85	17.5	2
10	64QAM	1	25	16.26	16.17	16.25		
10	64QAM	1	49	15.85	15.86	15.79		
10	64QAM	25	0	15.12	15.16	15.20	16.5	3
10	64QAM	25	12	15.04	14.98	15.00		
10	64QAM	25	25	14.96	14.97	14.98		
10	64QAM	50	0	14.94	14.94	15.01		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.68	17.64	17.67	19.5	0
5	QPSK	1	12	18.12	18.16	18.14		
5	QPSK	1	24	17.63	17.62	17.62		
5	QPSK	12	0	17.09	17.14	17.16	18.5	1
5	QPSK	12	7	17.03	17.08	17.01		
5	QPSK	12	13	16.98	17.03	16.99		
5	QPSK	25	0	17.05	17.06	17.10		
5	16QAM	1	0	16.97	16.97	16.92	18.5	1
5	16QAM	1	12	17.29	17.37	17.32		
5	16QAM	1	24	16.93	16.90	16.94		
5	16QAM	12	0	16.01	16.06	16.08	17.5	2
5	16QAM	12	7	16.06	16.03	16.09		
5	16QAM	12	13	15.94	15.89	15.92		
5	16QAM	25	0	16.04	16.09	16.06		
5	64QAM	1	0	15.81	15.81	15.86	17.5	2
5	64QAM	1	12	16.22	16.26	16.20		
5	64QAM	1	24	15.87	15.84	15.84		
5	64QAM	12	0	15.12	15.15	15.13	16.5	3
5	64QAM	12	7	15.06	14.98	14.99		
5	64QAM	12	13	14.95	15.01	15.01		
5	64QAM	25	0	15.01	14.94	15.03		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.70	17.70	17.68	19.5	0
3	QPSK	1	8	18.14	18.09	18.12		
3	QPSK	1	14	17.60	17.61	17.55		
3	QPSK	8	0	17.12	17.09	17.09	18.5	1
3	QPSK	8	4	17.01	17.00	17.01		
3	QPSK	8	7	17.04	16.98	17.00		
3	QPSK	15	0	17.05	17.05	17.01		
3	16QAM	1	0	16.98	16.92	16.98	18.5	1
3	16QAM	1	8	17.30	17.37	17.29		
3	16QAM	1	14	16.93	16.96	16.91		
3	16QAM	8	0	16.04	16.00	16.01	17.5	2
3	16QAM	8	4	16.05	16.07	16.04		
3	16QAM	8	7	15.95	15.97	15.92		
3	16QAM	15	0	16.01	16.04	16.03		
3	64QAM	1	0	15.82	15.87	15.78	17.5	2
3	64QAM	1	8	16.18	16.20	16.21		
3	64QAM	1	14	15.80	15.80	15.81		
3	64QAM	8	0	15.19	15.18	15.19	16.5	3
3	64QAM	8	4	15.07	15.02	14.98		
3	64QAM	8	7	15.01	14.99	15.03		
3	64QAM	15	0	15.01	15.01	15.03		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.65	17.71	17.71	19.5	0
1.4	QPSK	1	3	18.16	18.09	18.09		
1.4	QPSK	1	5	17.60	17.60	17.62		
1.4	QPSK	3	0	17.94	17.91	17.92		
1.4	QPSK	3	1	17.83	17.88	17.82		
1.4	QPSK	3	3	17.77	17.82	17.76		
1.4	QPSK	6	0	17.10	17.03	17.03	18.5	1
1.4	16QAM	1	0	16.99	16.92	17.00	18.5	1
1.4	16QAM	1	3	17.29	17.31	17.34		
1.4	16QAM	1	5	16.89	16.90	16.92		
1.4	16QAM	3	0	16.84	16.88	16.86		
1.4	16QAM	3	1	16.82	16.86	16.83		
1.4	16QAM	3	3	16.69	16.70	16.75		
1.4	16QAM	6	0	16.00	16.02	16.05	17.5	2
1.4	64QAM	1	0	15.83	15.87	15.78	17.5	2
1.4	64QAM	1	3	16.20	16.24	16.22		
1.4	64QAM	1	5	15.86	15.78	15.83		
1.4	64QAM	3	0	15.91	15.94	15.97		
1.4	64QAM	3	1	15.86	15.80	15.83		
1.4	64QAM	3	3	15.75	15.75	15.77		
1.4	64QAM	6	0	14.94	14.99	14.96	16.5	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	14.58	14.64	14.57	15.5	0
20	QPSK	1	49	15.04	15.08	14.99		
20	QPSK	1	99	14.70	14.74	14.72		
20	QPSK	50	0	14.09	14.19	14.12	14.5	1
20	QPSK	50	24	14.01	14.09	14.04		
20	QPSK	50	50	13.99	14.07	14.01		
20	QPSK	100	0	14.09	14.11	14.04		
20	16QAM	1	0	13.86	13.89	13.85	14.5	1
20	16QAM	1	49	14.11	14.16	14.11		
20	16QAM	1	99	13.90	13.98	13.97		
20	16QAM	50	0	13.08	13.12	13.11	13.5	2
20	16QAM	50	24	13.08	13.16	13.13		
20	16QAM	50	50	13.05	13.12	13.04		
20	16QAM	100	0	13.15	13.17	13.11		
20	64QAM	1	0	12.75	12.81	12.77	13.5	2
20	64QAM	1	49	13.16	13.19	13.09		
20	64QAM	1	99	12.85	12.86	12.78		
20	64QAM	50	0	12.03	12.10	12.03	12.5	3
20	64QAM	50	24	12.00	12.06	11.99		
20	64QAM	50	50	12.11	12.18	12.15		
20	64QAM	100	0	12.10	12.16	12.15		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	14.58	14.62	14.63	15.5	0
15	QPSK	1	37	15.04	14.97	15.05		
15	QPSK	1	74	14.65	14.67	14.67		
15	QPSK	36	0	14.07	14.10	14.12	14.5	1
15	QPSK	36	20	14.00	14.06	14.07		
15	QPSK	36	39	14.06	14.06	14.00		
15	QPSK	75	0	14.01	14.10	14.01		
15	16QAM	1	0	13.87	13.84	13.87	14.5	1
15	16QAM	1	37	14.15	14.06	14.14		
15	16QAM	1	74	13.95	13.88	13.96		
15	16QAM	36	0	13.07	13.11	13.08	13.5	2
15	16QAM	36	20	13.13	13.08	13.10		
15	16QAM	36	39	13.11	13.06	13.02		
15	16QAM	75	0	13.13	13.12	13.16		
15	64QAM	1	0	12.80	12.71	12.76	13.5	2
15	64QAM	1	37	13.09	13.15	13.09		
15	64QAM	1	74	12.76	12.81	12.80		
15	64QAM	36	0	12.05	12.02	12.02	12.5	3
15	64QAM	36	20	11.96	12.03	11.99		
15	64QAM	36	39	12.13	12.12	12.12		
15	64QAM	75	0	12.15	12.06	12.09		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	14.60	14.58	14.61	15.5	0
10	QPSK	1	25	14.98	15.04	15.04		
10	QPSK	1	49	14.69	14.64	14.69		
10	QPSK	25	0	14.03	14.09	14.11	14.5	1
10	QPSK	25	12	14.02	14.02	14.05		
10	QPSK	25	25	13.97	13.98	13.99		
10	QPSK	50	0	14.05	14.05	14.01		
10	16QAM	1	0	13.83	13.84	13.84	14.5	1
10	16QAM	1	25	14.13	14.13	14.08		
10	16QAM	1	49	13.92	13.97	13.95		
10	16QAM	25	0	13.10	13.11	13.05	13.5	2
10	16QAM	25	12	13.12	13.06	13.11		
10	16QAM	25	25	13.05	13.08	13.06		
10	16QAM	50	0	13.16	13.12	13.10		
10	64QAM	1	0	12.79	12.80	12.76	13.5	2
10	64QAM	1	25	13.13	13.10	13.13		
10	64QAM	1	49	12.84	12.84	12.85		
10	64QAM	25	0	12.09	12.04	12.08	12.5	3
10	64QAM	25	12	11.97	12.00	11.99		
10	64QAM	25	25	12.11	12.14	12.15		
10	64QAM	50	0	12.12	12.06	12.14		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	14.58	14.57	14.58	15.5	0
5	QPSK	1	12	14.99	15.02	15.02		
5	QPSK	1	24	14.71	14.66	14.68		
5	QPSK	12	0	14.06	14.04	14.10	14.5	1
5	QPSK	12	7	14.03	14.04	14.03		
5	QPSK	12	13	14.04	14.06	14.02		
5	QPSK	25	0	14.01	14.03	14.01		
5	16QAM	1	0	13.86	13.86	13.86	14.5	1
5	16QAM	1	12	14.15	14.14	14.12		
5	16QAM	1	24	13.97	13.91	13.95		
5	16QAM	12	0	13.05	13.05	13.09	13.5	2
5	16QAM	12	7	13.13	13.14	13.11		
5	16QAM	12	13	13.08	13.05	13.05		
5	16QAM	25	0	13.16	13.14	13.15		
5	64QAM	1	0	12.72	12.74	12.78	13.5	2
5	64QAM	1	12	13.09	13.12	13.11		
5	64QAM	1	24	12.85	12.82	12.78		
5	64QAM	12	0	12.06	12.00	12.00	12.5	3
5	64QAM	12	7	12.03	12.05	11.97		
5	64QAM	12	13	12.14	12.17	12.12		
5	64QAM	25	0	12.15	12.06	12.15		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	14.93	15.15	14.91	16.5	0
20	QPSK	1	49	15.39	15.44	15.31		
20	QPSK	1	99	14.86	15.03	15.10		
20	QPSK	50	0	14.48	14.50	14.35	15.5	1
20	QPSK	50	24	14.45	14.44	14.24		
20	QPSK	50	50	14.40	14.44	14.25		
20	QPSK	100	0	14.40	14.45	14.42		
20	16QAM	1	0	14.40	14.30	14.27	15.5	1
20	16QAM	1	49	14.60	14.81	14.71		
20	16QAM	1	99	14.13	14.50	14.31		
20	16QAM	50	0	13.58	13.61	13.32	14.5	2
20	16QAM	50	24	13.41	13.49	13.51		
20	16QAM	50	50	13.46	13.61	13.56		
20	16QAM	100	0	13.51	13.73	13.32		
20	64QAM	1	0	13.15	13.23	13.02	14.5	2
20	64QAM	1	49	13.47	13.80	13.67		
20	64QAM	1	99	13.12	13.41	13.23		
20	64QAM	50	0	12.43	12.60	12.45	13.5	3
20	64QAM	50	24	12.35	12.61	12.39		
20	64QAM	50	50	12.61	12.56	12.52		
20	64QAM	100	0	12.38	12.43	12.53		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	14.90	15.09	14.90	16.5	0
15	QPSK	1	37	15.28	15.44	15.34		
15	QPSK	1	74	14.91	15.08	14.83		
15	QPSK	36	0	14.44	14.51	14.30	15.5	1
15	QPSK	36	20	14.40	14.52	14.05		
15	QPSK	36	39	14.45	14.43	14.42		
15	QPSK	75	0	14.39	14.31	14.41		
15	16QAM	1	0	14.03	14.24	14.06	15.5	1
15	16QAM	1	37	14.52	14.73	14.27		
15	16QAM	1	74	14.15	14.12	14.00		
15	16QAM	36	0	13.56	13.63	13.17	14.5	2
15	16QAM	36	20	13.60	13.55	13.29		
15	16QAM	36	39	13.60	13.30	13.28		
15	16QAM	75	0	13.28	13.34	13.31		
15	64QAM	1	0	13.30	13.15	12.95	14.5	2
15	64QAM	1	37	13.39	13.49	13.34		
15	64QAM	1	74	13.06	13.06	12.84		
15	64QAM	36	0	12.41	12.43	12.46	13.5	3
15	64QAM	36	20	12.34	12.54	12.25		
15	64QAM	36	39	12.46	12.60	12.35		
15	64QAM	75	0	12.48	12.43	12.25		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	14.98	14.83	15.04	16.5	0
10	QPSK	1	25	15.14	15.29	15.25		
10	QPSK	1	49	14.78	15.12	15.09		
10	QPSK	25	0	14.22	14.60	14.42	15.5	1
10	QPSK	25	12	14.33	14.38	14.32		
10	QPSK	25	25	14.40	14.43	14.28		
10	QPSK	50	0	14.22	14.53	14.55		
10	16QAM	1	0	14.01	14.30	14.11	15.5	1
10	16QAM	1	25	14.43	14.45	14.42		
10	16QAM	1	49	14.40	14.14	14.06		
10	16QAM	25	0	13.48	13.75	13.26	14.5	2
10	16QAM	25	12	13.38	13.48	13.46		
10	16QAM	25	25	13.22	13.51	13.27		
10	16QAM	50	0	13.41	13.60	13.45		
10	64QAM	1	0	13.16	13.43	12.95	14.5	2
10	64QAM	1	25	13.56	13.69	13.38		
10	64QAM	1	49	13.09	13.10	12.95		
10	64QAM	25	0	12.33	12.45	12.35	13.5	3
10	64QAM	25	12	12.32	12.56	12.35		
10	64QAM	25	25	12.48	12.45	12.50		
10	64QAM	50	0	12.22	12.64	12.18		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	14.92	15.06	14.73	16.5	0
5	QPSK	1	12	15.36	15.27	15.25		
5	QPSK	1	24	14.80	15.03	14.82		
5	QPSK	12	0	14.22	14.45	14.41	15.5	1
5	QPSK	12	7	14.57	14.36	14.33		
5	QPSK	12	13	14.27	14.53	14.36		
5	QPSK	25	0	14.41	14.27	14.28		
5	16QAM	1	0	14.23	14.35	14.12	15.5	1
5	16QAM	1	12	14.58	14.48	14.39		
5	16QAM	1	24	14.18	14.17	14.16		
5	16QAM	12	0	13.60	13.70	13.17	14.5	2
5	16QAM	12	7	13.45	13.30	13.45		
5	16QAM	12	13	13.37	13.31	13.39		
5	16QAM	25	0	13.41	13.55	13.22		
5	64QAM	1	0	13.07	13.05	13.27	14.5	2
5	64QAM	1	12	13.32	13.53	13.55		
5	64QAM	1	24	12.86	13.27	13.01		
5	64QAM	12	0	12.58	12.46	12.30	13.5	3
5	64QAM	12	7	12.42	12.31	12.36		
5	64QAM	12	13	12.42	12.49	12.20		
5	64QAM	25	0	12.39	12.62	12.57		

2.4GHz WLAN

2.4GHz WLAN_Ant 5				Default&Full Power		Head Standalone		Head Simultaneous		Body Standalone		Body Simultaneous		Extremity Standalone		Extremity Simultaneous		Hotspot on		Duty Cycle %
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.80	20.50	15.80	17.50	13.90	15.50	15.30	17.00	12.80	14.50	18.80	20.50	16.20	18.00	14.20	16.00	100.00
		6	2437	19.00	20.50	16.00	17.50	14.10	15.50	15.50	17.00	13.00	14.50	19.00	20.50	16.40	18.00	14.50	16.00	
		11	2462	18.90	20.50	15.90	17.50	13.80	15.50	15.40	17.00	12.80	14.50	18.90	20.50	16.30	18.00	14.40	16.00	
	802.11g 6Mbps	1	2412	18.70	20.50	Not Required	17.50	Not Required	15.50	15.20	17.00	Not Required	14.50	18.70	20.50	Not Required	18.00	Not Required	16.00	100.00
		6	2437	18.80	20.50		17.50		15.50	15.40	17.00		14.50	18.80	20.50		18.00		16.00	
		11	2462	17.60	19.50		17.50		15.50	15.30	17.00		14.50	17.60	19.50		18.00		16.00	
	802.11n-HT20 MCS0	1	2412	18.80	20.50		17.50		15.50	Not Required	17.00		14.50	18.80	20.50		18.00		16.00	100.00
		6	2437	18.90	20.50		17.50		15.50		17.00		14.50	18.90	20.50		18.00		16.00	
		11	2462	17.70	19.50		17.50		15.50		17.00		14.50	17.70	19.50		18.00		16.00	
	802.11n-HT40 MCS0	3	2422	17.20	19.00		17.50		15.50		17.00		14.50	17.20	19.00		18.00		16.00	100.00
		6	2437	17.30	19.00		17.50		15.50		17.00		14.50	17.30	19.00		18.00		16.00	
		9	2452	15.30	17.00		17.00		15.50		17.00		14.50	15.30	17.00		17.00		16.00	

5.2GHz WLAN

5.2GHz WLAN_Ant 5				Default&Full Power		Head Standalone		Head Simultaneous		Body Standalone		Body Simultaneous		Extremity Standalone		Extremity Simultaneous		Hotspot on		Duty Cycle %
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.2GHz WLAN	802.11a 6Mbps	36	5180	16.32	18.00	Not Required	17.00	Not Required	14.00	Not Required	12.00	Not Required	8.50	Not Required	17.00	Not Required	15.00	Not Required	10.00	100.00
		40	5200	17.68	19.00		17.00		14.00		12.00		8.50		17.00		15.00		10.00	
		44	5220	17.71	19.00		17.00		14.00		12.00		8.50		17.00		15.00		10.00	
		48	5240	17.73	19.00		17.00		14.00		12.00		8.50		17.00		15.00		10.00	
	802.11n-HT20 MCS0	36	5180	16.41	18.00		17.00		14.00		12.00		8.50		17.00		15.00		10.00	100.00
		40	5200	17.70	19.00		17.00		14.00		12.00		8.50		17.00		15.00		10.00	
		44	5220	17.71	19.00		17.00		14.00		12.00		8.50		17.00		15.00		10.00	
		48	5240	17.76	19.00		17.00		14.00		12.00		8.50		17.00		15.00		10.00	
	802.11n-HT40 MCS0	38	5190	14.31	16.00	14.31	16.00		14.00		12.00		8.50	14.31	16.00		15.00		10.00	100.00
		46	5230	17.24	18.50	15.68	17.00		14.00		12.00		8.50	15.68	17.00		15.00		10.00	
	802.11ac-VHT20 MCS0	36	5180	Not Required	18.00	Not Required	17.00		14.00		12.00		8.50	Not Required	17.00		15.00		10.00	100.00
		40	5200		19.00		17.00		14.00		12.00		8.50		17.00		15.00		10.00	
		44	5220		19.00		17.00		14.00		12.00		8.50		17.00		15.00		10.00	
		48	5240		19.00		17.00		14.00		12.00		8.50		17.00		15.00		10.00	
	802.11ac-VHT40 MCS0	38	5190		16.00		16.00		14.00		12.00		8.50		16.00		15.00		10.00	100.00
		46	5230		18.50		17.00		14.00		12.00		8.50		17.00		15.00		10.00	
	802.11ac-VHT80 MCS0	42	5210	13.24	15.00		15.00	12.23	14.00	10.32	12.00	6.78	8.50		15.00	13.24	15.00	8.29	10.00	100.00

5.3GHz WLAN

5.3GHz WLAN_Ant 5				Default&Full Power		Head Standalone		Head Simultaneous		Body Standalone		Body Simultaneous		Extremity Standalone		Extremity Simultaneous		Duty Cycle %
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.3GHz WLAN	802.11a 6Mbps	52	5260	17.60	19.00	Not Required	17.00	Not Required	14.00	Not Required	12.00	Not Required	8.50	Not Required	17.00	Not Required	15.00	100.00
		56	5280	17.64	19.00		17.00		14.00		12.00		8.50		17.00		15.00	
		60	5300	17.59	19.00		17.00		14.00		12.00		8.50		17.00		15.00	
		64	5320	15.62	17.00		17.00		14.00		12.00		8.50		17.00		15.00	
	802.11n-HT20 MCS0	52	5260	17.68	19.00		17.00		14.00		12.00		8.50		17.00		15.00	100.00
		56	5280	17.70	19.00		17.00		14.00		12.00		8.50		17.00		15.00	
		60	5300	17.67	19.00		17.00		14.00		12.00		8.50		17.00		15.00	
		64	5320	15.74	17.00		17.00		14.00		12.00		8.50		17.00		15.00	
	802.11n-HT40 MCS0	54	5270	17.33	18.50	15.54	17.00		14.00		12.00		8.50	15.54	17.00	13.75	15.00	100.00
		62	5310	14.73	16.00	14.73	16.00		14.00		12.00		8.50	14.73	16.00	13.71	15.00	
	802.11ac-VHT20 MCS0	52	5260	Not Required	19.00	Not Required	17.00		14.00		12.00		8.50	Not Required	17.00	Not Required	15.00	100.00
		56	5280		19.00		17.00		14.00		12.00		8.50		17.00		15.00	
		60	5300		19.00		17.00		14.00		12.00		8.50		17.00		15.00	
		64	5320		17.00		17.00		14.00		12.00		8.50		17.00		15.00	
	802.11ac-VHT40 MCS0	54	5270		18.50		17.00		14.00		12.00		8.50		17.00		15.00	100.00
		62	5310		16.00		16.00		14.00		12.00		8.50		16.00		15.00	
	802.11ac-VHT80 MCS0	58	5290	12.88	14.50		14.50	12.42	14.00	10.28	12.00	6.79	8.50		14.50		14.50	100.00

5.5GHz WLAN

5.5GHz WLAN_Ant 5				Default&Full Power		Head Standalone		Head Simultaneous		Body Standalone		Body Simultaneous		Extremity Standalone		Extremity Simultaneous		Duty Cycle %
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.5GHz WLAN	802.11a 6Mbps	100	5500	14.93	16.50	Not Required	16.50	Not Required	15.00	Not Required	11.00	Not Required	8.00	Not Required	16.50	Not Required	15.00	100.00
		116	5580	17.35	19.00		17.50		15.00		11.00		8.00		17.00		15.00	
		124	5620	17.22	19.00		17.50		15.00		11.00		8.00		17.00		15.00	
		132	5660	17.30	19.00		17.50		15.00		11.00		8.00		17.00		15.00	
		140	5700	12.77	14.50		14.50		14.50		11.00		8.00		14.50		14.50	
		144	5720	17.29	19.00		17.50		15.00		11.00		8.00		17.00		15.00	
	802.11n-HT20 MCS0	100	5500	15.06	16.50		16.50		15.00		11.00		8.00		16.50		15.00	100.00
		116	5580	17.37	19.00		17.50		15.00		11.00		8.00		17.00		15.00	
		124	5620	17.36	19.00		17.50		15.00		11.00		8.00		17.00		15.00	
		132	5660	17.32	19.00		17.50		15.00		11.00		8.00		17.00		15.00	
		140	5700	12.83	14.50		14.50		14.50		11.00		8.00		14.50		14.50	
		144	5720	17.35	19.00		17.50		15.00		11.00		8.00		17.00		15.00	
	802.11n-HT40 MCS0	102	5510	15.08	16.50		16.50		15.00		11.00		8.00		16.50		15.00	100.00
		110	5550	17.12	18.50		17.50		15.00		11.00		8.00		17.00		15.00	
		126	5630	17.05	18.50		17.50		15.00		11.00		8.00		17.00		15.00	
		134	5670	16.45	18.00		17.50		15.00		11.00		8.00		17.00		15.00	
		142	5710	16.72	18.50		17.50		15.00		11.00		8.00		17.00		15.00	
	802.11ac-VHT20 MCS0	100	5500	Not Required	16.50		16.50		15.00		11.00		8.00		16.50		15.00	100.00
		116	5580		19.00		17.50		15.00		11.00		8.00		17.00		15.00	
		124	5620		19.00		17.50		15.00		11.00		8.00		17.00		15.00	
		132	5660		19.00		17.50		15.00		11.00		8.00		17.00		15.00	
		140	5700		14.50		14.50		14.50		11.00		8.00		14.50		14.50	
		144	5720		19.00		17.50		15.00		11.00		8.00		17.00		15.00	
	802.11ac-VHT40 MCS0	102	5510		16.50		16.50		15.00		11.00		8.00		16.50		15.00	100.00
		110	5550		18.50		17.50		15.00		11.00		8.00		17.00		15.00	
		126	5630		18.50		17.50		15.00		11.00		8.00		17.00		15.00	
		134	5670		18.00		17.50		15.00		11.00		8.00		17.00		15.00	
		142	5710		18.50		17.50		15.00		11.00		8.00		17.00		15.00	
	802.11ac-VHT80 MCS0	106	5530	15.21	17.00	15.21	17.00	13.77	15.00	9.19	11.00	6.26	8.00	15.21	17.00	13.30	15.00	100.00
		122	5610	15.73	17.50	15.73	17.50	13.69	15.00	9.16	11.00	6.22	8.00	15.20	17.00	13.14	15.00	
		138	5690	15.68	17.50	15.68	17.50	13.66	15.00	9.08	11.00	6.24	8.00	15.08	17.00	13.19	15.00	

5.8GHz WLAN

5.8GHz WLAN_Ant 5				Default&Full Power		Head Standalone		Head Simultaneous		Body Standalone		Body Simultaneous		Extremity Standalone		Extremity Simultaneous		Hotspot on		Duty Cycle %
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.8GHz WLAN	802.11a 6Mbps	149	5745	17.33	19.00	Not Required	17.50	Not Required	15.00	Not Required	10.50	Not Required	7.50	Not Required	17.00	Not Required	16.00	Not Required	8.00	100.00
		157	5785	17.40	19.00		17.50		15.00		10.50		7.50		17.00		16.00		8.00	
		165	5825	17.33	19.00		17.50		15.00		10.50		7.50		17.00		16.00		8.00	
	802.11n-HT20 MCS0	149	5745	17.36	19.00		17.50		15.00		10.50		7.50		17.00		16.00		8.00	100.00
		157	5785	17.43	19.00		17.50		15.00		10.50		7.50		17.00		16.00		8.00	
		165	5825	17.40	19.00		17.50		15.00		10.50		7.50		17.00		16.00		8.00	
	802.11n-HT40 MCS0	151	5755	16.93	18.50		17.50		15.00		10.50		7.50		17.00		16.00		8.00	100.00
		159	5795	17.05	18.50		17.50		15.00		10.50		7.50		17.00		16.00		8.00	
	802.11ac-VHT20 MCS0	149	5745	Not Required	19.00		17.50		15.00		10.50		7.50		17.00		16.00		8.00	100.00
		157	5785		19.00		17.50		15.00		10.50		7.50		17.00		16.00		8.00	
		165	5825		19.00		17.50		15.00		10.50		7.50		17.00		16.00		8.00	
	802.11ac-VHT40 MCS0	151	5755		18.50		17.50		15.00		10.50		7.50		17.00		16.00		8.00	100.00
		159	5795		18.50		17.50		15.00		10.50		7.50		17.00		16.00		8.00	
	802.11ac-VHT80 MCS0	155	5775	15.78	17.50	15.78	17.50	13.24	15.00	8.72	10.50	5.73	7.50	15.28	17.00	14.34	16.00	6.31	8.00	100.00

BR / EDR			Ant 5				
Mode	Channel	Frequency (MHz)	Average power (dBm)				
			1Mbps	Tune-up	2Mbps	3Mbps	Tune-up
BR / EDR	CH 00	2402	9.20	**11.00**	6.20	6.20	**8.00**
	CH 39	2441	9.80	**11.50**	6.60	6.60	**8.00**
	CH 78	2480	9.90	**11.50**	6.80	6.80	**8.00**

BLE			Ant 5			
Mode	Channel	Frequency (MHz)	Average power (dBm)			
			1Mbps	2Mbps	125Kbps	500Kbps
LE	CH 00	2402	0.80	0.70	0.90	0.70
	CH 19	2440	2.40	2.30	2.50	2.30
	CH 39	2480	1.60	1.50	1.70	1.50
Tune-up Limit			**2.50**	**2.50**	**2.50**	**2.50**